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Annual Medical Examiner Data
1994

**Data from the
Drug Abuse
Warning Network
(DAWN)**

Series I, Number 14-B



U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Substance Abuse and Mental Health Services Administration

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ANNUAL MEDICAL EXAMINER DATA

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Data from the Drug Abuse Warning Network

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Substance Abuse and Mental Health Services Administration

Office of Applied Studies
5600 Fishers Lane
Rockville, Maryland 20857



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HIGHLIGHTS

This report presents data on drug abuse deaths that were reported by medical examiners (MEs) participating in the Drug Abuse Warning Network (DAWN); these deaths will be referred to as cases. Drug abuse deaths may be either drug-induced or drug-related. A drug-induced death is any death involving a drug "overdose." In these cases, the medical examiner usually finds or strongly suspects a toxic level. In a drug-related death, the medical examiner concludes that drug usage contributed to the death, but was not its sole cause. The highlights illustrate the types of findings presented in the detailed tables.

CHAPTER 1: Introduction

- During 1994, 138 MEs in 42 metropolitan areas reported 8,426 drug abuse deaths. Autopsies performed by DAWN MEs account for about 70 percent of all autopsies performed in the United States.

CHAPTER 2: Summary of 1994 Drug Abuse Deaths and Drug Mentions Reported by DAWN Medical Examiners

- Seventy-six percent of the cases were male and 24 percent were female.
- Fifty-seven percent of the cases were white, 30 percent were black, and 12 percent were Hispanic.
- Seventy-five percent of the cases involved more than one drug.
- Sixty-five percent of the cases were drug-induced (overdoses), while 33 percent were drug-related (contributory factor).
- The manner of death was accidental or unexpected for 57 percent of cases and suicide for 20 percent. For 23 percent, the manner of death was other/unknown. Twenty-nine percent of the female cases were suicides compared with 17 percent of the male cases.
- The three most frequently reported drugs in DAWN ME cases were cocaine (mentioned in 47 percent of cases), heroin/morphine (mentioned in 42 percent of cases), and alcohol-in-combination (mentioned in 37 percent of cases). Since multiple drugs can be mentioned for each death, percentages can sum to more than 100. Because alcohol is reportable to DAWN only when used concomitantly with another drug, it is referred to as "alcohol-in-combination."
- Cocaine was mentioned in 50 percent of male cases and 38 percent of female cases.
- Seventy-two percent of cases in blacks involved cocaine compared with 55 percent in Hispanics and 34 percent in whites.
- In cases where the manner of death was accidental or unexpected, cocaine was the most frequently mentioned drug (reported in 55 percent of cases), followed by heroin/morphine (53 percent), and alcohol-in-combination (41 percent).
- Cocaine was mentioned in 54 percent of the cases among persons 26 to 34 years old, in 50 percent of cases among persons 35 to 44 years old, and in 46 percent of cases among persons 35 years and older.
- Cocaine was reported in combination with heroin/morphine in 1,666 cases. Alcohol-in-combination and heroin/morphine were reported together in 1,507 cases, alcohol-in-combination and cocaine in 1,471 cases, and heroin/morphine and codeine in 1,000 cases.

CHAPTER 3: Drug Abuse Deaths and Drug Mentions in 1994 According to Metropolitan Area

Comparisons of DAWN drug abuse deaths across metropolitan areas should be made with caution, since ME cases vary by area and reporting practices are not consistent.

- The metropolitan areas with the greatest numbers of deaths reported to DAWN were New York (1,158), Los Angeles (1,080), Philadelphia (724), Chicago (613), and Baltimore (458).
- Cocaine was the most frequently mentioned drug in Anchorage, Atlanta, Birmingham, Chicago, Greenville, Las Vegas, Los Angeles, Miami, New Orleans, New York, Newark, Norfolk, Omaha, Philadelphia, San Antonio, St. Louis, and Washington.
- Heroin/morphine was the top-ranking drug in Baltimore, Boston, Portland, Providence, San Diego, San Francisco, and Seattle.
- Alcohol-in-combination was mentioned in 37 percent of ME cases and was the third-ranked drug. It ranked first in Cleveland, Dallas, Denver, Detroit, Kansas City, Milwaukee, Minneapolis, Nashua, Phoenix, and Salt Lake City.

CHAPTER 4: Trends in Numbers of Drug Abuse Deaths and Drug Mentions 1991-1994

Chapter 4 reports changes between 1993 and 1994 for the 73 MEs from 25 metropolitan areas that reported every year between 1991 and 1994. These 73 MEs will be referred to as the consistent panel. Comparisons of DAWN drug abuse deaths across metropolitan areas should be made with caution, since ME cases vary by area and reporting practices are not consistent.

- The number of cases reported by the consistent panel decreased 1 percent between 1993 and 1994. Male and female cases each decreased by about 1 percent.
- Cases involving Hispanics and blacks dropped 10 percent and 1 percent, respectively, while cases involving whites increased 2 percent.
- Increases were seen among persons age 12 to 19 years (20 percent) and 45 to 54 years (15 percent).
- Cases involving heroin/morphine decreased 10 percent, while mentions of cocaine increased 2 percent. Other increases included amphetamine (39 percent), fluoxetine (34 percent), methamphetamine/speed (29 percent), marijuana/hashish (28 percent), and alprazolam (23 percent). Other decreases included PCP/PCP combinations (25 percent), aspirin (25 percent), and methadone (17 percent).
- The largest proportional increases in cases by metropolitan area were observed in New Orleans (67 percent), Kansas City (63 percent), Phoenix (46 percent), San Diego (34 percent), and Seattle (24 percent). Large decreases occurred in Buffalo (70 percent), Indianapolis (55 percent), and New York (21 percent).
- The greatest increases in cases involving cocaine were reported in Seattle (88 percent), Denver (75 percent), New Orleans (36 percent), Phoenix (33 percent) and St. Louis (28 percent). Mentions of cocaine decreased 54 percent in Indianapolis, 22 percent in New York, and 18 percent in Dallas.
- Increases in cases involving heroin/morphine occurred in Phoenix (34 percent), Denver (29 percent), and New Orleans (25 percent). Decreases were largest in Norfolk (39 percent), New York (33 percent), Washington (25 percent), and Dallas (23 percent).

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IMPORTANT NOTICE

This report presents information on drug abuse deaths that occurred in 1994 and were reported by 138 medical examiner (ME) facilities in 42 metropolitan areas. The data are not representative of all such deaths that occurred in the U.S.

Emergency room data from the Drug Abuse Warning Network (DAWN) are not included in this report but will be presented in a separate document entitled *Annual Emergency Room Data 1994* (Number 14-A in SAMHSA Statistical Series I).

SYMBOLS USED IN TABLES

Quantity is zero	—
Less than 0.05 percent	*
Fewer than 10 cases in percent distribution or in denominator for percentage change	...
Not applicable or not available	N/A

1. INTRODUCTION

This report presents information on drug abuse-related medical examiner (ME) cases collected through the Drug Abuse Warning Network (DAWN) for the calendar year 1994. The Office of Applied Studies (OAS) in the Substance Abuse and Mental Health Services Administration (SAMHSA) is responsible for the operation of DAWN data collection and for publication of reports arising from DAWN data.

Recent efforts to recruit new ME facilities as reporters to DAWN have added Greenville, SC to the metropolitan areas included in the 1994 annual report. Wilmington, DE did not report to DAWN in 1994. Oklahoma City, OK reported for fewer than 10 months in 1994 and is not included in this report. The data in Chapters 2 and 3 of this report come from 138 medical examiner facilities located in 42 metropolitan areas. In later reports, new ME jurisdictions will be included as recent recruits have more complete reporting histories. The data presented in this report reflect only those facilities that participated in DAWN during all or most (at least 10 months) of 1994 and do not represent the nation as a whole or, necessarily, the total of ME drug abuse cases in the respective metropolitan areas.

This report incorporates, as Chapter 4, trend tables covering the years 1991 through 1994. The trends presented in Chapter 4 are based on a subset of ME facilities reporting to DAWN. Because the number of participating DAWN ME facilities in any one metropolitan area may vary from year to year, it is necessary to use a consistent panel of facilities with similar reporting histories for the period of time in question. The trend data presented in Chapter 4 come from a panel of facilities who reported data to DAWN in at least 10 months of each of the 4 years examined.

This report continues the use of special tabulation methods for ME data introduced with the Annual Data 1988 report. These procedures include the (1) exclusion of cases in which AIDS was reported, (2) exclusion of deaths in which the only drug mentioned was "drug unknown," and (3) expansion of the heroin/morphine category to include opiates not specified as to type. Refer to the aforementioned 1988 report for an explanation of the rationale and effect of these procedures. As with all reports of DAWN ME data, deaths by homicide are excluded.

The remainder of this chapter presents a discussion of the background and methodology of DAWN, the limitations of the data, and the report format and data tabulation methods. Chapter 2 presents a summary of the information collected from the participating MEs at the total DAWN system level. Chapter 3 presents data according to metropolitan area. As mentioned previously, Chapter 4 provides trend data for 1991 through 1994. This report also includes appendices that contain technical and supplementary data (Appendix I), the DAWN ME data collection form (Appendix II), and a Glossary of Terms used in connection with the DAWN data (Appendix III).

BACKGROUND AND METHODOLOGY

DAWN is a large-scale, ongoing drug abuse data collection system sponsored by SAMHSA. The major objectives of the system are:

- To identify substances associated with drug abuse episodes that are reported by DAWN-affiliated facilities;
- To monitor drug abuse patterns and trends and to detect new abuse entities and new drug combinations;
- To assess health hazards associated with drug abuse; and
- To provide data for national, State, and local drug abuse policy and program planning.

For the purpose of reporting to the DAWN system, drug abuse is defined as the nonmedical use of a substance for psychic effect, dependence, or suicide attempt/gesture. Nonmedical use includes:

- The use of prescription drugs in a manner inconsistent with accepted medical practice;
- The use of over-the-counter (O.T.C.) drugs contrary to approved labeling; or
- The use of any other substance (heroin, marijuana, peyote, glue, aerosols, etc.) for psychic effect, dependence, or suicide.

An episode report is submitted for each drug abuse death encountered by a DAWN ME and each drug abuse patient who visits a DAWN emergency room. Each report of a drug abuse ME case includes demographic information about the deceased and information about the circumstances of the death. Drug abuse deaths usually involve drug overdoses, but they also include deaths in which drug usage was a contributory factor. Up to six different substances can be specified for each ME case.

Readers should note that alcohol is reported to DAWN only when used in combination with another drug. Thus, the data on alcohol-in-combination tabulated in this report do not provide an indication of ME cases involving alcohol as the sole substance of abuse, nor are such data available from other sources. Cases involving children under 6 years of age are not reported to DAWN.

In 1994, DAWN data were collected from ME facilities in 42 metropolitan areas located throughout the coterminous United States. Table 1.1 provides information on the reporting base in the 42 metropolitan areas that are shown in this report. The table shows the number of ME jurisdictions in the respective metropolitan areas, the number of MEs participating in DAWN, the total number of deaths from all causes handled by MEs, the total number of deaths related to drug abuse, the rate of drug abuse deaths per 1,000 total cases handled, the total number of drug mentions reported in connection with these deaths, and the average number of drug mentions per case. Table I-2 in Appendix I lists the ME jurisdictions that participated in DAWN during 1994 and are included in Chapters 2 and 3 of this report. Table I-3 in Appendix I lists the ME jurisdictions included in the consistent panel that provided data for Chapter 4.

Within each facility participating in the DAWN system, a designated reporter was responsible for identifying deaths related to drug abuse and recording and submitting data on each case. On a weekly basis, the total number of deaths handled by MEs and the number of cases related to drug abuse were entered into a reporting log. The relevant details of each drug abuse death were transferred from the official facility records onto DAWN data collection forms (Appendix II).

A number of quality control procedures are used to ensure that DAWN data are as accurate and methodologically consistent as possible. These procedures include (1) training of personnel responsible for collecting the data within participating facilities; (2) provision of printed manuals and other materials specifying data collection methods, definitions, and requirements; (3) monitoring of reporting practices and problem resolution by a staff of traveling field liaison representatives assigned to five regions of the country; (4) in-house manual editing of data collection forms with followup to resolve problems; (5) computer editing of data to identify problems; and (6) reabstracting studies at participating facilities to monitor the accuracy and completeness of reporting on a periodic basis and, as needed, on a special study basis to review unusual trends.

In some instances, information about deaths related to drug abuse was reported some time after the death occurred. Reporting delays are common for MEs, who may need to wait until laboratory tests or autopsy reports are completed to ascertain or confirm that a death is drug related. ME data are approximately 80 percent complete after 6 months and fully complete after 12 months. This report was prepared with data that were submitted by the end of May 1995 to accommodate late reporting.

DATA LIMITATIONS

This report includes only those drug abuse occurrences that have resulted in a death and, subsequently, have been identified as drug abuse related by a facility reporting to DAWN. It should be noted that although standard instruction manuals and training are provided to each DAWN reporter, the specific methods and procedures used to identify drug abuse-related deaths and the drugs involved may vary from facility to facility. Some MEs may include cases involving circumstantial evidence. Other MEs may report only drug abuse deaths confirmed through toxicologic analyses.

The ME tables exclude data on deaths involving AIDS and deaths in which the only drug mentioned was "drug unknown." In addition, mentions of opiates not specified as to type are included in the category of "heroin/morphine" in the ME data. Also, it should be noted that ME data for homicide-related drug abuse deaths are not included in this report.

As mentioned earlier, a drug-related death may have multiple drug mentions. Therefore, not every reported substance is, by itself, necessarily a cause of death. On the other hand, substances that contributed to a drug abuse death may occasionally go unreported or undetected.

Multiple drug mentions per death also have ramifications for coding drug-related variables. For example, since a manner of death (e.g., accidental/unexpected or suicide) is reported for each case, the manner of death is assigned to each separate drug mentioned in the case; thus, some caution must be exercised when relating drug mention patterns to specific motives.

REPORT FORMAT AND DATA TABULATION

The current report presents data for the following variables: decedent sex, race/ethnicity, and age; drug concomitance; manner of death; cause of death; and route of drug administration. Total DAWN system summaries for these data items are presented in Chapter 2. Chapter 3 focuses on the mentions of the most frequently reported drugs in each of the DAWN metropolitan areas according to sex, age, and race/ethnicity. Trend data for 1991 through 1994 are presented in Chapter 4. The data tabulated in this report reflect all DAWN drug abuse deaths submitted to SAMHSA through the May 1995 report month, except for the previously noted exclusions of AIDS cases, homicides, and drug-unknown-only cases. Appendix I presents information on the numbers of months reported by ME facilities, the ME jurisdictions that participated in DAWN during 1994, and the ME jurisdictions selected for the 1991-1994 panel of consistently reporting facilities. The DAWN ME data collection instrument is shown in Appendix II.

Missing data (unreported or unknown) existed for most of the variables. This does not represent a lack of responsiveness or training, or an unwillingness on the part of the facility personnel to report fully. Because DAWN is basically a file review system, if an item does not appear on the official facility record, it cannot be reported on the DAWN form. The amount of missing data is shown in the percent distributions provided in Chapters 2 and 4.

Data on drug mentions are organized into selected "drug groups" that may represent either the general groupings of "therapeutic classes" or the more discrete "drug categories." The 9 selected therapeutic classes and 50 selected drug categories reflect the most frequently mentioned drugs. Because alcohol is reportable to DAWN only when used concomitantly with another drug, it is listed in the tables as "alcohol-in-combination."

The reader should note that when drug mentions are expressed as percentages within a distribution across drug groups, these percentages are based on the total number of drug abuse episodes. As several drug mentions may be reported for a single episode, the percentages for the respective drugs will sum to more than 100 percent. Dividing these totals by 100 yields the average number of mentions per ME case for the corresponding distributions.

Listings of drugs ranked according to the frequency of mentions and alphabetically ordered are presented in tables 2.06a and b. Some of the drug categories in these tables are more detailed than the

drug groups and therapeutic classes presented in other tables. In using these tables, the reader should pay particular attention to the footnotes.

The same detailed drug categories are used in the drug combination tables at the end of Chapter 2. Table 2.18 provides frequency data on pairwise combinations of the 15 most commonly mentioned drugs in ME cases. In table 2.19, pairs of drugs are ranked according to frequency; this table includes all grouped drugs regardless of whether either substance in a pair is a top-ranked drug. Within pairs, drugs are listed alphabetically. In using these tables, it is important to note that pairs of drugs have frequently been selected from sets of three or more drugs mentioned in a particular drug abuse death. Drug abuse deaths involving three drugs contribute three drug pairs to these tables, and those involving four drugs contribute six pairs.

The metropolitan area tables in Chapter 3 and trend tables in Chapter 4 present data on ME mentions of 12 selected, frequently reported drug categories in the total DAWN system.

Table 1.1 - Medical examiners reporting information by metropolitan area: 1994

Metropolitan area	Total ME jurisdictions	MEs participating in DAWN ¹	Total cases reported by DAWN MEs	Number of drug abuse cases	Number of drug cases per 1,000 total cases	Number of drug mentions	Average drug mentions per case
Anchorage, AK	1	1	730	17	23.3	29	1.71
Atlanta, GA	18	6	4,435	188	42.4	373	1.98
Baltimore, MD	7	6	4,725	458	96.9	1,475	3.22
Birmingham, AL	1	1	770	48	62.3	114	2.38
Boise, ID	1	1	775	17	21.9	35	2.06
Boston, MA	5	5	2,420	307	126.9	755	2.46
Buffalo, NY	2	5	1,814	3	1.7	7	2.33
Casper, WY	1	1	120	4	33.3	6	1.50
Chicago, IL	6	5	11,573	613	53.0	1,300	2.12
Cleveland, OH	4	1	2,976	111	37.3	262	2.36
Dallas, TX	6	4	4,243	323	76.1	835	2.59
Denver, CO	6	3	4,122	64	15.5	149	2.33
Detroit, MI	7	5	8,309	289	34.8	742	2.57
Fargo, ND	2	2	396	1	2.5	3	3.00
Greenville, SC	1	1	493	25	50.7	42	1.68
Indianapolis, IN	8	2	1,221	13	10.6	28	2.15
Jackson, MS	3	1	373	0	0	0	0
Kansas City, KS/MO	7	2	1,687	57	33.8	100	1.75
Las Vegas, NV	1	1	4,612	104	22.5	211	2.03
Los Angeles, CA	1	1	11,166	1,080	96.7	2,570	2.38
Louisville, KY	5	1	3,797	50	13.2	162	3.24
Miami, FL	1	1	3,303	169	51.2	441	2.61
Milwaukee, WI	4	1	1,067	21	19.7	45	2.14
Minneapolis, MN	11	11	4,085	69	16.9	135	1.96
Nashua, NH	1	1	413	10	24.2	28	2.80
New Orleans, LA	5	5	5,271	136	25.8	277	2.04
New York, NY	8	8	20,572	1,158	56.3	2,446	2.11
Newark, NJ	5	5	5,132	201	39.2	430	2.14
Norfolk, VA	6	3	737	44	59.7	94	2.14
Omaha, NE	3	3	2,739	40	14.6	103	2.58
Philadelphia, NJ/PA	8	7	11,619	724	62.3	2,036	2.81
Phoenix, AZ	1	1	3,352	354	105.6	785	2.22
Portland, OR	4	2	1,452	140	96.4	277	1.98
Providence, RI	5	2	602	116	192.7	321	2.77
Saint Louis, IL/MO	10	9	9,748	231	23.7	525	2.27
Salt Lake City, UT	2	2	801	63	78.7	134	2.13
San Antonio, TX	3	1	2,098	69	32.9	185	2.68
San Diego, CA	1	1	2,477	335	135.2	896	2.67
San Francisco, CA	5	3	4,031	342	84.8	879	2.57
Seattle, WA	2	2	2,892	188	65.0	445	2.37
Sioux Falls, SD	1	1	327	2	6.1	9	4.50
Washington, DC/MD/VA	14	14	4,339	242	55.8	490	2.02
Total DAWN	193	138	157,814	8,426	52.4	20,179	2.39

¹ Number reporting for at least 10 months in 1994.

NOTE: Counts of drug abuse-related ME cases and drug mentions in these cases exclude deaths in which AIDS was reported and in which the only drug mentioned was "drug unknown." The number of MEs generally reflects the number of counties within the metropolitan areas that report drug abuse death data to DAWN. This is not a count of individual MEs/coroners since the same individual is often responsible for multiple counties. Conversely, Niagara County, in the Buffalo area, has four MEs that report to DAWN. Appendix I provides lists of ME jurisdictions covered in different chapters of this report.

NOTE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

2. SUMMARY OF 1994 DRUG ABUSE DEATHS AND DRUG MENTIONS REPORTED BY DAWN MEDICAL EXAMINERS

This chapter presents data on drug abuse deaths that occurred in 1994 and drugs mentioned in connection with these deaths, as reported by medical examiners (MEs) affiliated with the Drug Abuse Warning Network (DAWN). The data are based on reports from 138 ME facilities located in 42 metropolitan areas. The following discussion describes the data presented in 19 detailed tables.

DEMOGRAPHIC CHARACTERISTICS

For 1994, 8,426 drug abuse deaths were reported to DAWN. Seventy-six percent of the decedents in these cases were known to be male and 24 percent were known to be female (table 2.01). Decedents were known to be white in 57 percent of the cases, black in 30 percent, and Hispanic in 12 percent. Nine percent of the decedents were 18 to 25 years old, and 63 percent were 35 years of age or older. Only 1 percent of decedents were 6 to 17 years old.

Table 2.02 displays age distributions of drug abuse decedents according to race/ethnicity and sex. Persons 6 to 34 years of age constituted 36 percent of white decedents, 32 percent of black decedents, and 49 percent of Hispanic decedents. Overall, 37 percent of male decedents and 33 percent of female decedents were 6 to 34 years of age. For Hispanic decedents 45 percent of females and 49 percent of males were 6 to 34 years of age.

EPISODE CHARACTERISTICS

Tables 2.03 and 2.04 present distributions of drug abuse deaths by drug concomitance, cause of death, and manner of death according to demographic group. Multiple drugs were reported in the majority (75 percent) of ME drug abuse cases while 25 percent involved the use of only one drug (table 2.03). Multiple drugs were mentioned in 80 percent of episodes involving white decedents, 76 percent of those involving Hispanic decedents, and 67 percent of those in which the decedent was black. The use of multiple drugs increased with age (table 2.04). Seventy-seven percent of decedents 26 to 54 years old had used multiple drugs, compared with 68 percent of decedents 18 to 25 years old and 53 percent of decedents 12 to 17 years of age. Decedents 55 years of age and older also were less likely than those 26 to 54 years old to have taken multiple drugs (70 and 77 percent, respectively).

The major variable describing the role of drugs in deaths reported to DAWN is concomitance/cause of death. Drug-induced deaths (overdoses) accounted for 65 percent of ME cases in 1994, while drugs played a contributing role in 33 percent of ME cases (table 2.03). Ten percent of the deaths were single-drug cases in which the drug was clearly the cause of death. Fifty-five percent of ME cases resulted directly from drug use and involved two or more drugs. Drug-induced deaths were somewhat more prominent among cases involving females than those involving males 68 versus 64 percent). Among the 95 drug abuse deaths of individuals 12 to 17 years old, 51 percent involved an external physical event with one or more drugs as a contributing factor (table 2.04). Among decedents 35 years of age or older, the proportion of drug abuse deaths involving an external physical event ranged from 12 percent for those age 45 to 54 years to 18 percent for those age 55 and older.

Fifty-seven percent of drug abuse deaths were accidental or unexpected, and 20 percent were suicides. The manner of death was reported as other or unknown in the remaining 23 percent of the cases (table 2.03). Readers should exercise caution when interpreting distributions involving a high proportion of cases in which a variable was unknown because the distribution for the missing values is not necessarily the same as the distribution for the nonmissing values. The proportion of cases reported as suicide was 29 percent for female decedents and 17 percent for male decedents. Suicides accounted

for 27 percent of drug abuse deaths involving white decedents, 15 percent of those involving Hispanic decedents, and 8 percent of those involving black decedents.

Distributions of drug abuse decedents by demographic and case characteristics according to manner of death are shown in table 2.05. The majority of accidental/unexpected deaths (80 percent) and suicides (65 percent) were male. Whites were involved in more than three-fourths (76 percent) of suicide deaths but only about half (51 percent) of accidental/unexpected deaths. Decedents from 26 to 44 years of age accounted for 69 percent of accidental/unexpected deaths and 51 percent of suicide deaths. The cause of death in 43 percent of suicide cases and 18 percent of accidental/unexpected cases was an external physical event with drug use playing a contributory role.

DRUG USE CHARACTERISTICS

Information on drugs mentioned in connection with 1994 ME cases reported to DAWN is shown in tables 2.06 through 2.17. Tables 2.06 through 2.11 include both estimates of frequencies and percentages. In these tables, the percentages are calculated using the total numbers of deaths as denominators. As multiple drugs can be mentioned in connection with each death, these percentages can sum to more than 100. Tables 2.12 through 2.17 show percentages calculated using the total number of mentions of specific drug groups as denominators. Tables 2.18 and 2.19 show the numbers of deaths in which specific pairwise combinations of drugs were mentioned together.

The drugs reported most frequently in ME cases in 1994 are shown in tables 2.06a through 2.06e. Cocaine, the most frequently reported drug, was mentioned in 47 percent of drug abuse deaths. Heroin/morphine, which ranked second, was reported in 42 percent of the cases. Alcohol-in-combination ranked third and was mentioned in 37 percent of drug abuse deaths reported to DAWN. Codeine was mentioned in 14 percent of the cases and ranked fourth (table 2.06a). Table 2.06 b shows the drugs mentioned most frequently in alphabetic order.

Cocaine was the most frequently reported drug for decedents in all age groups 18 years and older (table 2.06c). In the youngest age group (6 to 17 years) marijuana/hashish was the most frequently mentioned drug. Among white decedents, heroin was mentioned more often than cocaine, while cocaine was the most frequently reported drug among blacks and Hispanics (table 2.06d).

Cocaine was reported in connection with one-half (50 percent) of male deaths and 38 percent of female deaths and was the top ranking drug for both sexes. Heroin/morphine ranked second and alcohol-in-combination ranked third among both male and female decedents (table 2.06e). Sex differentials in drugs mentioned in ME cases are shown in table 2.07. Antidepressants were more likely to be mentioned when the decedent was female (33 percent) than when the decedent was male (11 percent).

Table 2.08 presents information on drug mentions according to decedent race/ethnicity. Deaths of blacks were more likely to involve cocaine than deaths of Hispanics or whites (72, 55, and 34 percent, respectively). Heroin/morphine was reported in 40 percent of cases when the decedent was white, 41 percent when the decedent was black, and 52 percent when the decedent was Hispanic.

Age differentials in drug mentions are shown in table 2.09. Cocaine was involved in 54 and 50 percent of drug abuse deaths of persons 26 to 34 and 35 to 44 years of age, respectively. Those least likely to suffer a cocaine-related death were 6 to 17 years of age (13 percent) and 55 years of age and older (24 percent). Among decedents 35 to 44 years old, who accounted for the plurality of cases in the table, cocaine was reported in 50 percent of cases, heroin/morphine in 49 percent, and alcohol-in-combination in 40 percent.

Table 2.10 presents drug mention distributions according to cause of death. The drugs most frequently reported in direct (drug induced) single-drug cases were cocaine (mentioned in 33 percent), heroin/morphine (32 percent), and drugs in the antidepressant class (7 percent in aggregate). In drug-induced deaths involving multiple drugs, the profile of substances mentioned was more varied.

Heroin/morphine was reported in 60 percent of these cases, cocaine in 48 percent, alcohol-in-combination in 46 percent, codeine in 21 percent, and diazepam, which was rarely reported alone in drug-induced deaths, in 9 percent. These percentages sum to more than 100 because of the reporting of multiple drugs in the deaths included in the calculations.

Distributions of drug mentions according to manner of death are presented in table 2.11. In cases where the death was accidental or unexpected, cocaine was the most frequently mentioned drug (reported in 55 percent of cases). Heroin/morphine ranked second (53 percent of cases); alcohol-in-combination ranked third (41 percent); and codeine was a distant fourth (17 percent). In suicides, alcohol-in-combination ranked first (reported in 34 percent of cases) and was followed by cocaine (25 percent), other/unspecified antidepressants (13 percent), amitriptyline (10 percent), and heroin/morphine (9 percent).

Table 2.12 shows distributions of ME drug mentions by sex and race/ethnicity. In this table and tables 2.13 through 2.17, percentages are calculated using the total number of mentions of the respective drug groups as the denominator. In interpreting the data in these tables, it is particularly important to remember that drugs are frequently reported in combination and that many of the deaths involved drugs as a contributing cause rather than as the direct cause.

Among drugs reported at least 100 times, the specific substances with the highest proportion of mentions involving male decedents were PCP/PCP combinations (90 percent), marijuana/hashish (87 percent), inhalants (85 percent), alcohol-in-combination (83 percent), heroin/morphine (83 percent), cocaine (80 percent), and methamphetamine/speed (80 percent). Excluding substances reported fewer than 100 times, the drugs with the highest proportion of mentions occurring in cases involving female decedents included fluoxetine (61 percent), imipramine (54 percent), acetaminophen (51 percent), amitriptyline (47 percent), and diphenhydramine (46 percent). Considered according to race/ethnicity, the proportion of white decedents was highest (among drugs reported at least 100 times) for fluoxetine, alprazolam, desipramine, d-propoxyphene, diazepam, and methamphetamine; decedents were white in at least 80 percent of ME cases involving each of these drugs. The proportion of black decedents was highest for cocaine (45 percent), PCP/PCP combinations (43 percent), methadone (31 percent), heroin/morphine (29 percent), codeine (28 percent), marijuana/hashish (27 percent), and alcohol-in-combination (26 percent).

Table 2.13 presents distributions of drug mentions by age. In deaths in which cocaine was reported, 29 percent of decedents were 26 to 34 years old and 41 percent were 35 to 44 years old. Decedents in cases involving heroin/morphine were typically somewhat older: 27 percent were 26 to 34 years old, while 45 percent were 35 to 44 years old. Among substances reported at least 100 times, the drugs with the highest proportions of mentions occurring in cases involving decedents 18 to 25 years of age were marijuana/hashish (24 percent), PCP/PCP combinations (20 percent), methamphetamine/speed (16 percent), amphetamine (16 percent).

Distributions of drug mentions by cause of death are shown in table 2.14. Continuing to focus on substances reported in connection with at least 100 deaths, the proportion of direct, single-drug cases was highest for inhalants/solvents/aerosols (22 percent), the only drug mentioned in more than 10 percent of episodes. More than two-thirds (66 percent) of all drug mentions occurred in cases where multiple drugs were reported and one or more of these drugs was directly implicated as the cause of death. Across drug groups mentioned at least 100 times, the substances with the highest proportion of mentions in this cause category were codeine (85 percent), alprazolam (83 percent), heroin/morphine (79 percent), doxepin (78 percent), and imipramine (77 percent). Fifty-six percent of deaths involving cocaine were drug-induced and included other substances reported in combination. Twenty-one percent of cocaine-related deaths involved an external physical event with drugs being listed as a contributing cause.

Table 2.15 shows distributions of drug mentions by manner of death. Among specific drug groups reported in at least 100 cases, the proportion of suicides was highest for desipramine (62 percent), imipramine (58 percent), and fluoxetine (56 percent), which are all antidepressants. Applying the same criterion, the drugs with the highest proportions of deaths in the accidental/unexpected category were

heroin/morphine (72 percent), PCP/PCP combinations (68 percent), codeine (68 percent), cocaine (66 percent), and methadone (65 percent).

Distributions of ME drug mentions by route of administration are presented in tables 2.16. The high proportion of unknowns reported for this variable, particularly for drugs that can be used by more than one route, makes the data in these tables difficult to interpret.

Table 2.17 presents distributions of ME drug mentions by the number of other drugs reported in connection with the case. The drug groups most likely to be mentioned alone were inhalants/solvents/aerosols (27 percent), marijuana/hashish (27 percent), and PCP/PCP combinations (23 percent). Caution should be exercised in making inferences from data involving more than one drug in episodes because the reported drug may not be the direct cause of death.

Tables 2.18 and 2.19 present data on the number of ME cases in which specific pairs of drugs were mentioned in combination. As up to six drugs can be reported in DAWN ME cases, it should be noted that specific pairs often are drawn from larger sets of drugs.

Table 2.18 presents the number of pairwise combination mentions involving the top 15 drugs. Cocaine was reported in combination with heroin/morphine in 1,666 deaths. Alcohol and heroin/morphine were reported together in 1,507 cases, alcohol and cocaine in 1,471 cases, and heroin/morphine and codeine in 1,000 cases.

The most frequently reported pairwise combinations of drugs are shown in table 2.19. The names of the drugs within each pair are ordered alphabetically. Excluding combinations involving alcohol, pairwise drug combinations reported in connection with at least 100 deaths included cocaine with heroin/morphine (1,666 cases, as noted above), codeine with heroin/morphine (1,000 cases, also noted above), cocaine with codeine (485 cases), amphetamine with methamphetamine/speed (305 cases), amitriptyline with nortriptyline (261 cases), diazepam with heroin/morphine (250 cases), heroin/morphine with quinine (247 cases), cocaine with diazepam (193 cases), cocaine with quinine (169 cases), cocaine with marijuana/hashish (163 cases), cocaine with methadone (155 cases), heroin/morphine with methadone (143 cases), codeine with diazepam (105 cases), and diphenhydramine with heroin/morphine (104 cases). The large number of deaths involving combinations of amitriptyline and nortriptyline may be a reporting anomaly associated with difficulties in distinguishing these two drugs on the basis of their metabolites alone.

MEDICAL EXAMINER DATA ¹

Table 2.01 - Distribution of drug abuse deaths by selected demographic characteristics according to sex:
1994

Demographic characteristics	TOTAL ²		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
SEX						
Male	6,364	75.5				
Female	2,035	24.2				
Unknown/no response	27	.3				
TOTAL	8,426	100.0				
RACE/ETHNICITY						
White	4,811	57.1	3,513	55.2	1,282	63.0
Black	2,493	29.6	1,895	29.8	593	29.1
Hispanic	974	11.6	855	13.4	117	5.7
Other	103	1.2	67	1.1	36	1.8
American Indian/Alaskan Native ..	34	.4	20	.3	14	.7
Asian/Pacific Islander	58	.7	36	.6	22	1.1
Unknown/no response	45	.5	34	.5	7	.3
TOTAL	8,426	100.0	6,364	100.0	2,035	100.0
AGE						
6 to 17 years	97	1.2	72	1.1	25	1.2
6 to 11 years	2	*	1	*	1	*
12 to 17 years	95	1.1	71	1.1	24	1.2
18 to 25 years	782	9.3	637	10.0	144	7.1
18 to 19 years	122	1.4	99	1.6	23	1.1
20 to 25 years	660	7.8	538	8.5	121	5.9
26 to 34 years	2,173	25.8	1,676	26.3	494	24.3
26 to 29 years	736	8.7	573	9.0	163	8.0
30 to 34 years	1,437	17.1	1,103	17.3	331	16.3
35 years and older	5,324	63.2	3,947	62.0	1,362	66.9
35 to 44 years	3,243	38.5	2,492	39.2	739	36.3
45 to 54 years	1,408	16.7	1,058	16.6	347	17.1
55 years and older	673	8.0	397	6.2	276	13.6
Unknown/no response	50	.6	32	.5	10	.5
TOTAL	8,426	100.0	6,364	100.0	2,035	100.0

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes episodes for which sex was unknown or not reported.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 2.02 - Distribution of drug abuse deaths by race/ethnicity and age according to sex: 1994

Race/ethnicity and age	TOTAL ²		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
ALL RACES/ETHNICITIES ³						
6-11 years	2	*	1	*	1	*
12-17 years	95	1.1	71	1.1	24	1.2
18-25 years	782	9.3	637	10.0	144	7.1
26-34 years	2,173	25.8	1,676	26.3	494	24.3
35-44 years	3,243	38.5	2,492	39.2	739	36.3
45-54 years	1,408	16.7	1,058	16.6	347	17.1
55 years and older	673	8.0	397	6.2	276	13.6
Unknown/no response	50	.6	32	.5	10	.5
TOTAL	8,426	100.0	6,364	100.0	2,035	100.0
WHITE						
6-11 years	2	*	1	*	1	.1
12-17 years	53	1.1	37	1.1	16	1.2
18-25 years	432	9.0	355	10.1	76	5.9
26-34 years	1,237	25.7	934	26.6	300	23.4
35-44 years	1,843	38.3	1,403	39.9	433	33.8
45-54 years	761	15.8	542	15.4	218	17.0
55 years and older	464	9.6	232	6.6	232	18.1
Unknown/no response	19	.4	9	.3	6	.5
TOTAL	4,811	100.0	3,513	100.0	1,282	100.0
BLACK						
6-11 years	-	-	-	-	-	-
12-17 years	23	.9	18	.9	5	.8
18-25 years	172	6.9	133	7.0	39	6.6
26-34 years	590	23.7	437	23.1	153	25.8
35-44 years	1,019	40.9	757	39.9	260	43.8
45-54 years	501	20.1	400	21.1	100	16.9
55 years and older	169	6.8	135	7.1	34	5.7
Unknown/no response	19	.8	15	.8	2	.3
TOTAL	2,493	100.0	1,895	100.0	593	100.0
HISPANIC						
6-11 years	-	-	-	-	-	-
12-17 years	17	1.7	14	1.6	3	2.6
18-25 years	152	15.6	131	15.3	21	17.9
26-34 years	306	31.4	277	32.4	29	24.8
35-44 years	336	34.5	299	35.0	36	30.8
45-54 years	128	13.1	107	12.5	20	17.1
55 years and older	27	2.8	21	2.5	6	5.1
Unknown/no response	8	.8	6	.7	2	1.7
TOTAL	974	100.0	855	100.0	117	100.0
OTHER RACE/ETHNICITY						
6-11 years	-	-	-	-	-	-
12-17 years	2	1.9	2	3.0	-	-
18-25 years	22	21.4	15	22.4	7	19.4
26-34 years	29	28.2	18	26.9	11	30.6
35-44 years	28	27.2	21	31.3	7	19.4
45-54 years	12	11.7	5	7.5	7	19.4
55 years and older	9	8.7	5	7.5	4	11.1
Unknown/no response	1	1.0	1	1.5	-	-
TOTAL	103	100.0	67	100.0	36	100.0

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes episodes for which sex was unknown or not reported.

³ Includes episodes for which race/ethnicity was unknown or not reported.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 2.03 - Percent distribution of drug abuse deaths by selected episode characteristics according to sex and race/ethnicity: 1994

Episode characteristics	TOTAL 2	Sex		Race/ethnicity			
		Male	Female	White	Black	Hispanic	Other
DRUG CONCOMITANCE							
Single-drug episode	24.7	24.4	25.7	20.5	33.1	23.6	32.0
Multi-drug episode	75.3	75.6	74.3	79.5	66.9	76.4	68.0
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of decedents	8,426	6,364	2,035	4,811	2,493	974	103
CAUSE OF DEATH							
Drug induced (overdose)	64.6	63.6	67.5	67.0	60.6	62.5	68.0
Direct - single drug cause	9.5	9.0	10.8	9.5	9.7	8.3	12.6
Direct - multiple drug cause	55.1	54.6	56.7	57.5	50.9	54.2	55.3
Drug related (contributory factor)	33.3	34.4	29.8	30.8	37.1	36.2	30.1
Drug and physiological condition	10.9	10.4	12.4	8.9	15.7	8.7	4.9
Drug and external physical event	20.1	21.8	14.7	20.3	17.7	24.6	23.3
Drug and medical disorder	2.3	2.2	2.7	1.5	3.7	2.9	1.9
Unknown	2.1	2.0	2.7	2.3	2.2	1.2	1.9
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of decedents	8,426	6,364	2,035	4,811	2,493	974	103
MANNER OF DEATH							
Accidental/unexpected	56.5	59.8	46.1	50.4	62.0	73.2	50.5
Suicide	20.0	17.1	29.1	26.8	8.3	15.0	36.9
Other/unknown	23.5	23.1	24.8	22.8	29.7	11.8	12.6
TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Number of decedents	8,426	6,364	2,035	4,811	2,493	974	103

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes episodes for which race/ethnicity was unknown or not reported.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 2.04 - Percent distribution of drug abuse deaths by selected episode characteristics according to age:
1994

Episode characteristics	TOTAL ²	Age (in years)						
		6-11	12-17	18-25	26-34	35-44	45-54	55 and older
DRUG CONCOMITANCE								
Single-drug episode	24.7	...	47.4	31.7	22.7	22.4	25.5	29.6
Multi-drug episode	75.3	...	52.6	68.3	77.3	77.6	74.5	70.4
TOTAL	100.0	...	100.0	100.0	100.0	100.0	100.0	100.0
Number of decedents	8,426	2	95	782	2,173	3,243	1,408	673
CAUSE OF DEATH								
Drug induced (overdose)	64.6	...	43.2	49.7	64.2	70.4	65.6	57.2
Direct - single drug cause	9.5	...	17.9	10.1	7.6	9.4	10.4	12.3
Direct - multiple drug cause	55.1	...	25.3	39.6	56.6	61.0	55.2	44.9
Drug related (contributory factor)	33.3	...	53.7	47.8	33.7	27.5	32.5	40.3
Drug and physiological condition	10.9	...	3.2	3.2	7.5	10.6	16.9	19.5
Drug and external physical event	20.1	...	50.5	43.6	24.3	14.3	12.1	18.4
Drug and medical disorder	2.3	...	-	1.0	1.8	2.6	3.5	2.4
Unknown	2.1	...	3.2	2.4	2.1	2.1	1.9	2.5
TOTAL	100.0	...	100.0	100.0	100.0	100.0	100.0	100.0
Number of decedents	8,426	2	95	782	2,173	3,243	1,408	673
MANNER OF DEATH								
Accidental/unexpected	56.5	...	47.4	55.2	60.0	60.5	54.0	34.5
Suicide	20.0	...	41.1	31.1	18.1	14.2	19.2	41.2
Other/unknown	23.5	...	11.6	13.7	21.9	25.3	26.7	24.4
TOTAL	100.0	...	100.0	100.0	100.0	100.0	100.0	100.0
Number of decedents	8,426	2	95	782	2,173	3,243	1,408	673

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes episodes for which age was unknown or not reported.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 2.05 - Percent distribution of drug abuse deaths by selected demographic and episode characteristics according to manner of death: 1994

Demographic and episode characteristics	TOTAL	Manner of death		
		Accidental/ unexpected	Suicide	Other/unknown
SEX				
Male	75.5	80.0	64.5	74.3
Female	24.2	19.7	35.1	25.5
Unknown/no response .....	.3	.3	.4	.3
TOTAL	100.0	100.0	100.0	100.0
Number of decedents	8,426	4,761	1,688	1,977
RACE/ETHNICITY				
White	57.1	51.0	76.2	55.5
Black	29.6	32.5	12.3	37.5
Hispanic	11.6	15.0	8.6	5.8
Other	1.2	1.1	2.3	.7
Unknown/no response .....	.5	.5	.6	.6
TOTAL	100.0	100.0	100.0	100.0
Number of decedents	8,426	4,761	1,688	1,977
AGE				
6 to 11 years	*	*	-	.1
12 to 17 years	1.1	.9	2.3	.6
18 to 25 years	9.3	9.1	14.4	5.4
26 to 34 years	25.8	27.4	23.3	24.0
35 to 44 years	38.5	41.2	27.3	41.5
45 to 54 years	16.7	16.0	16.1	19.0
55 years and older	8.0	4.9	16.4	8.3
Unknown/no response .....	.6	.5	.2	1.2
TOTAL	100.0	100.0	100.0	100.0
Number of decedents	8,426	4,761	1,688	1,977
DRUG CONCOMITANCE				
Single-drug episode	24.7	23.1	27.3	26.5
Multi-drug episode	75.3	76.9	72.7	73.5
TOTAL	100.0	100.0	100.0	100.0
Number of decedents	8,426	4,761	1,688	1,977
CAUSE OF DEATH				
Drug induced (overdose)	64.6	75.2	53.9	48.2
Direct - single drug cause	9.5	10.8	11.3	4.8
Direct - multiple drug cause	55.1	64.4	42.6	43.4
Drug related (contributory factor)	33.3	24.2	45.0	45.1
Drug and physiological condition	10.9	5.2	2.1	32.0
Drug and external physical event	20.1	17.7	42.7	6.4
Drug and medical disorder	2.3	1.3	.2	6.7
Unknown	2.1	.6	1.1	6.7
TOTAL	100.0	100.0	100.0	100.0
Number of decedents	8,426	4,761	1,688	1,977

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 2.06a - Drugs mentioned most frequently by medical examiners in 1994

(Drugs with fewer than 10 mentions are excluded.)

Rank	Drug name	Number of mentions	Percent of total episodes	Rank	Drug name	Number of mentions	Percent of total episodes
1	Cocaine	3,981	47.25	39	Mesoridazine	48	0.57
2	Heroin/Morphine ¹	3,522	41.80	40	Flurazepam	46	0.55
3	Alcohol-in-combination	3,145	37.32	41	Secobarbital	45	0.53
4	Codeine	1,170	13.89	42	Oxycodone	38	0.45
5	Diazepam	610	7.24	43	Promethazine	36	0.43
6	Marijuana/Hashish	589	6.99	44	MeperidineHCl	36	0.43
7	Methamphetamine/Speed	492	5.84	45	Ibuprofen	36	0.43
8	Amitriptyline	389	4.62	46	Pentobarbital	35	0.42
9	Methadone	367	4.36	47	Ephedrine	30	0.36
10	Amphetamine	357	4.24	48	Pseudoephedrine	28	0.33
11	D-Propoxyphene	351	4.17	49	Benztrapine	27	0.32
12	Nortriptyline	335	3.98	50	Chlorpromazine	26	0.31
13	Diphenhydramine	319	3.79	51	Theophylline	25	0.30
14	Acetaminophen	309	3.67	52	Phenylpropanolamine	25	0.30
15	Quinine	264	3.13	53	LithiumCarbonate	24	0.28
16	UnspecBenzodiazepine	191	2.27	54	Oxazepam	24	0.28
17	Doxepin	167	1.98	55	Cyclobenzaprine	23	0.27
18	Lidocaine	162	1.92	56	Haloperidol	21	0.25
19	PCP/PCPCombinations	152	1.80	57	Clonazepam	21	0.25
20	Phenobarbital	141	1.67	58	Caffeine	20	0.24
21	Fluoxetine	137	1.63	59	Hydromorphone	19	0.23
22	Desipramine	125	1.48	60	Hydroxyzine	19	0.23
23	Alprazolam	123	1.46	61	PropanololHCl	16	0.19
24	Hydrocodone	116	1.38	62	BrompheniramineMaleate	16	0.19
25	Imipramine	104	1.23	63	QuinidineSulfate	16	0.19
26	Butalbital	90	1.07	64	Fentanyl	16	0.19
27	Chlordiazepoxide	84	1.00	65	Lorazepam	15	0.18
28	Hydantoin	84	1.00	66	Amoxapine	14	0.17
29	Aspirin	80	0.95	67	Glutethimide	13	0.15
30	Dextromethorphan	76	0.90	68	Amobarbital	12	0.14
31	Meprobamate	72	0.85	69	Phentermine	12	0.14
32	DoxylamineSuccinate	69	0.82	70	Trimethoprim/Sulfamethox	12	0.14
33	Carisoprodol	65	0.77	71	Metoprolol	11	0.13
34	Thioridazine	65	0.77	72	Oxymorphones	10	0.12
35	Chlorpheniramine	62	0.74	73	ProcaineHCl	10	0.12
36	Carbamazepine	60	0.71	74	Clomipramine	10	0.12
37	Trazodone	51	0.61				
38	Temazepam	49	0.58				

NOTE: Percentages are based on a total raw medical examiner drug abuse case count of 8,426.

¹ Includes opiates not specified as to type.

See general footnotes at end of table.

MEDICAL EXAMINER DATA

Table 2.06b - Alphabetical listing of drugs mentioned most frequently by medical examiners in 1994

(Drugs with fewer than 10 mentions are excluded.)

Drug name	Number of mentions	Percent of total episodes	Drug name	Number of mentions	Percent of total episodes
Acetaminophen	309	3.67	Hydromorphone	19	0.23
Alcohol-in-combination	3,145	37.32	Hydroxyzine	19	0.23
Alprazolam	123	1.46	Ibuprofen	36	0.43
Amitriptyline	389	4.62	Imipramine	104	1.23
Amobarbital	12	0.14	Lidocaine	162	1.92
Amoxapine	14	0.17	LithiumCarbonate	24	0.28
Amphetamine	357	4.24	Lorazepam	15	0.18
Aspirin	80	0.95	Marijuana/Hashish	589	6.99
Benztropine	27	0.32	MeperidineHCl	36	0.43
BrompheniramineMaleate	16	0.19	Meprobamate	72	0.85
Butalbital	90	1.07	Mesoridazine	48	0.57
Caffeine	20	0.24	Methadone	367	4.36
Carbamazepine	60	0.71	Methamphetamine/Speed	492	5.84
Carisoprodol	65	0.77	Metoprolol	11	0.13
Chlordiazepoxide	84	1.00	Nortriptyline	335	3.98
Chlorpheniramine	62	0.74	Oxazepam	24	0.28
Chlorpromazine	26	0.31	Oxycodone	38	0.45
Clomipramine	10	0.12	Oxymorphones	10	0.12
Clonazepam	21	0.25	PCP/PCPCombinations	152	1.80
Cocaine	3,981	47.25	Pentobarbital	35	0.42
Codeine	1,170	13.89	Phenobarbital	141	1.67
Cyclobenzaprine	23	0.27	Phentermine	12	0.14
D-Propoxyphene	351	4.17	Phenylpropanolamine	25	0.30
Desipramine	125	1.48	ProcaineHCl	10	0.12
Dextromethorphan	76	0.90	Promethazine	36	0.43
Diazepam	610	7.24	PropanololHCl	16	0.19
Diphenhydramine	319	3.79	Pseudoephedrine	28	0.33
Doxepin	167	1.98	QuinidineSulfate	16	0.19
DoxylamineSuccinate	69	0.82	Quinine	264	3.13
Ephedrine	30	0.36	Secobarbital	45	0.53
Fentanyl	16	0.19	Temazepam	49	0.58
Fluoxetine	137	1.63	Theophylline	25	0.30
Flurazepam	46	0.55	Thioridazine	64	0.76
Glutethimide	13	0.15	Trazodone	51	0.61
Haloperidol	21	0.25	Trimethoprim/Sulfamethox	12	0.14
Heroin/Morphine 1	3,522	41.80	Unspec. Benzodiazepine	191	2.27
Hydantoin	84	1.00			
Hydrocodone	116	1.38			

NOTE: Percentages are based on a total raw medical examiner drug abuse case count of 8,426.

¹ Includes opiates not specified as to type.

See general footnotes at end of table.

MEDICAL EXAMINER DATA

Table 2.06c - Drugs mentioned most frequently by medical examiners in 1994 according to age of decedent

(Drugs with fewer than 10 mentions are excluded)

Rank	Drug name	Number of mentions	Percent of total episodes	Rank	Drug name	Number of mentions	Percent of total episodes
Decedents 6 to 17 years old				Decedents 26 to 34 years old			
1	Marijuana/Hashish	28	28.87	1	Cocaine	1,172	53.93
2	Alcohol-in-combination	16	16.49	2	Heroin/Morphine ¹	937	43.12
3	Heroin/Morphine ¹	14	14.43	3	Alcohol-in-combination	884	40.68
4	Cocaine	13	13.40	4	Codeine	274	12.61
5	Amphetamine	11	11.34	5	Marijuana/Hashish	180	8.28
Decedents 18 to 25 years old				6	Methamphetamine/Speed	156	7.18
1	Cocaine	344	43.99	7	Diazepam	151	6.95
2	Alcohol-in-combination	278	35.55	8	Amphetamine	106	4.88
3	Heroin/Morphine ¹	244	31.20	9	Quinine	85	3.91
4	Marijuana/Hashish	139	17.77	10	Methadone	82	3.77
5	Codeine	82	10.49	11	Amitriptyline	79	3.64
6	Methamphetamine/Speed	80	10.23	12	D-Propoxyphene	78	3.59
7	Amphetamine	56	7.16	13	Nortriptyline	70	3.22
8	Diazepam	49	6.27	14	Diphenhydramine	67	3.08
9	PCP/PCPCombinations	31	3.96	15	PCP/PCPCombinations	66	3.04
10	Diphenhydramine	31	3.96	Decedents 35 years of age and older			
11	Acetaminophen	19	2.43	1	Cocaine	2,421	45.47
12	D-Propoxyphene	17	2.17	2	Heroin/Morphine ¹	2,302	43.24
13	UnspecBenzodiazepine	16	2.05	3	Alcohol-in-combination	1,956	36.74
14	Amitriptyline	15	1.92	4	Codeine	805	15.12
15	Nortriptyline	12	1.53	5	Diazepam	404	7.59
				6	Amitriptyline	288	5.41
				7	Methadone	274	5.15
				8	D-Propoxyphene	254	4.77
				9	Nortriptyline	249	4.68
				10	Methamphetamine/Speed	243	4.56
				11	Marijuana/Hashish	238	4.47
				12	Acetaminophen	220	4.13
				13	Diphenhydramine	217	4.08
				14	Amphetamine	180	3.38
				15	Quinine	161	3.02

NOTE: Percentages are based on total raw medical examiner drug abuse case counts of 97 decedents 6 to 17 years old, 782 decedents 18 to 25 years old, 2,173 decedents 26 to 34 years old, and 5,324 decedents aged 35 years and older.

¹ Includes opiates not specified as to type.

See general footnotes at end of table.

MEDICAL EXAMINER DATA

Table 2.06d - Drugs mentioned most frequently by medical examiners in 1994 according to race/ethnicity of decedent

(Drugs with fewer than 10 mentions are excluded)

Rank	Drug name	Number of mentions	Percent of total episodes	Rank	Drug name	Number of mentions	Percent of total episodes
White decedents				Hispanic decedents			
1	Heroin/Morphine ¹	1,928	40.07	1	Cocaine	532	54.62
2	Alcohol-in-combination	1,825	37.93	2	Heroin/Morphine ¹	509	52.26
3	Cocaine	1,613	33.53	3	Alcohol-in-combination	436	44.76
4	Codeine	694	14.43	4	Codeine	135	13.86
5	Diazepam	503	10.46	5	Marijuana/Hashish	64	6.57
6	Methamphetamine/Speed	394	8.19	6	Methamphetamine/Speed	59	6.06
7	Marijuana/Hashish	357	7.42	7	Methadone	51	5.24
8	D-Propoxyphene	298	6.19	8	Amphetamine	39	4.00
9	Amitriptyline	284	5.90	9	Amitriptyline	29	2.98
10	Amphetamine	283	5.88	10	Diazepam	27	2.77
11	Nortriptyline	250	5.20	11	Nortriptyline	24	2.46
12	Acetaminophen	238	4.95	12	PCP/PCPCombinations	20	2.05
13	Diphenhydramine	226	4.70	13	Lidocaine	16	1.64
14	Methadone	201	4.18	14	Diphenhydramine	16	1.64
15	UnspecBenzodiazepine	146	3.03	15	D-Propoxyphene	16	1.64
Black decedents							
1	Cocaine	1,792	71.88				
2	Heroin/Morphine ¹	1,031	41.36				
3	Alcohol-in-combination	831	33.33				
4	Codeine	330	13.24				
5	Marijuana/Hashish	156	6.26				
6	Quinine	156	6.26				
7	Methadone	112	4.49				
8	Lidocaine	80	3.21				
9	Diazepam	72	2.89				
10	Amitriptyline	68	2.73				
11	Diphenhydramine	67	2.69				
12	PCP/PCPCombinations	65	2.61				
13	Nortriptyline	54	2.17				
14	Acetaminophen	49	1.97				
15	UnspecBenzodiazepine	35	1.40				

NOTE: Percentages are based on total raw medical examiner drug abuse case counts of 4,811 white decedents, 2,493 black decedents, and 974 Hispanic decedents.

¹ Includes opiates not specified as to type.

See general footnotes at end of table.

MEDICAL EXAMINER DATA

Table 2.06e - Drugs mentioned most frequently by medical examiners in 1994 according to sex of decedent

(Drugs with fewer than 10 mentions are excluded)

Rank	Drug name	Number of mentions	Percent of total episodes	Rank	Drug name	Number of mentions	Percent of total episodes
Male decedents				Female decedents			
1	Cocaine	3,192	50.16	1	Cocaine	778	38.23
2	Heroin/Morphine ¹	2,910	45.73	2	Heroin/Morphine ¹	601	29.53
3	Alcohol-in-combination	2,609	41.00	3	Alcohol-in-combination	524	25.75
4	Codeine	916	14.39	4	Codeine	252	12.38
5	Marijuana/Hashish	515	8.09	5	Amitriptyline	181	8.89
6	Diazepam	430	6.76	6	Diazepam	176	8.65
7	Methamphetamine/Speed	394	6.19	7	Nortriptyline	164	8.06
8	Amphetamine	278	4.37	8	Acetaminophen	156	7.67
9	Methadone	268	4.21	9	Diphenhydramine	147	7.22
10	Quinine	219	3.44	10	D-Propoxyphene	141	6.93
11	Amitriptyline	206	3.24	11	Methadone	99	4.86
12	D-Propoxyphene	206	3.24	12	Methamphetamine/Speed	97	4.77
13	Nortriptyline	171	2.69	13	Fluoxetine	83	4.08
14	Diphenhydramine	170	2.67	14	Amphetamine	78	3.83
15	Acetaminophen	152	2.39	15	Marijuana/Hashish	68	3.34

¹ Includes opiates not specified as to type.

NOTES: Percentages are based on raw medical examiner drug abuse case counts of 6,364 male decedents and 2,035 female decedents.

In using this table the reader should be aware that individual drugs are frequently mentioned in combination with other drugs and that the population at risk of an adverse consequence relating to the abuse of any particular drug is unknown, i.e., the number of people abusing a particular substance, either alone or in any combination, is unknown. Thus the relative frequency of mentions of any drug pertains only to the DAWN system and not to the larger population at risk.

The drug categories represented in this table are more detailed than those in other tables in this report. Specifically, codeine combination drugs and individual inhalants are listed separately in this table but are grouped in aggregate categories in the main tables of this report. Diphenylhydantoin sodium is listed as hydantoin. Also the benzodiazepine category includes benzodiazepines other than alprazolam, chlordiazepoxide, clonazepam, clorazepate, diazepam, flurazepam, lorazepam, nitrazepam, oxazepam, prazepam, triazolam, and temazepam.

Within the context of the DAWN drug classification scheme, some specific drugs, e.g., certain combination drugs, are not grouped together at the roughly generic level reflected in most of the tables in this report. Some of these "ungrouped" drugs were reported frequently enough to meet the criteria for inclusion in this table but are not shown. These drugs, however, are included in the other tables in this report under the categories of "other/unspecified" drugs within therapeutic classes or under "all other drugs," as appropriate.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 2.07 - Number of mentions and percent distribution of total deaths by selected drug group according to sex: 1994

Drug groups: therapeutic class by drug category (Examples of commonly encountered brands)	TOTAL ²		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
TRANQUILIZERS						
Diazepam (Valium)	1,151		770		373	
Alprazolam (Xanax)	610	7.2	430	6.8	176	8.6
Chlordiazepoxide (Librium)	123	1.5	69	1.1	54	2.7
Clorazepate (Tranxene)	84	1.0	56	.9	27	1.3
Lorazepam (Ativan)	-	-	-	-	-	-
Meprobamate	15	.2	6	.1	9	.4
Other/unspecified tranquilizers	72	.9	47	.7	23	1.1
	247	2.9	162	2.5	84	4.1
NARCOTIC ANALGESICS						
Heroin/Morphine ³	5,658		4,450		1,191	
d-Propoxyphene (Darvocet N, Darvon)	3,522	41.8	2,910	45.7	601	29.5
Methadone	351	4.2	206	3.2	141	6.9
Oxycodone (Percocet 5, Percodan, Tylox)	367	4.4	268	4.2	99	4.9
Codeine	38	.5	23	.4	15	.7
Meperidine HCl (Demerol)	1,170	13.9	916	14.4	252	12.4
Hydromorphone (Dilaudid)	36	.4	16	.3	20	1.0
Other/unspecified narcotic analgesics	19	.2	16	.3	3	.1
	155	1.8	95	1.5	60	2.9
NON-NARCOTIC ANALGESICS						
Aspirin	451		238		212	
Acetaminophen (Tylenol)	80	.9	45	.7	35	1.7
Pentazocine (Talwin, Talacen)	309	3.7	152	2.4	156	7.7
Butalbital combinations (Fiorinal, Esgic)	-	-	-	-	-	-
Other/unspecified non-narcotic analgesics	62	.7	41	.6	21	1.0
NON-BARBITURATE SEDATIVES						
Methaqualone (Quaalude, Sleepinal)	132		69		62	
Flurazepam (Dalmane)	4	*	2	*	2	.1
O.T.C. sleep aids (Sominex, Unisom, Nytol)	46	.5	17	.3	28	1.4
Ethchlorvynol (Placidyl)	7	.1	5	.1	2	.1
Glutethimide (Doriden)	13	.2	11	.2	2	.1
Chloral hydrate	2	*	1	*	1	*
Other/unspecified non-barbiturate sedatives	60	.7	33	.5	27	1.2
ANTIDEPRESSANTS						
Amitriptyline (Elavil)	1,366		696		668	
Amitrip. comb. (Triavil, Limbitrol)	389	4.6	206	3.2	181	8.9
Doxepin (Sinequan)	167	2.0	108	1.7	59	2.9
Fluoxetine (Prozac)	137	1.6	54	.8	83	4.1
Imipramine (Tofranil)	104	1.2	48	.8	56	2.8
Desipramine (Norpramin)	125	1.5	65	1.0	60	2.9
Other/unspecified antidepressants	444	5.3	215	3.4	229	11.3
ANTIPSYCHOTICS						
Chlorpromazine (Thorazine)	192		84		105	
Thioridazine (Mellaril)	26	.3	16	.3	10	.5
Haloperidol (Haldol)	65	.8	30	.5	34	1.7
Trifluoperazine (Stelazine)	21	.2	1	.1	13	.6
Other/unspecified antipsychotics	7	.1	2	*	4	.2
	73	.9	28	.4	44	2.2
BARBITURATE SEDATIVES						
Phenobarbital	368		213		153	
Secobarbital/Amobarbital (Tuinal)	141	1.7	83	1.3	57	2.8
Secobarbital (Seconal)	45	.5	27	.4	18	.9
Pentobarbital (Nembutal)	35	.4	25	.4	9	.4
Other/unspecified barbiturate sedatives	147	1.7	78	1.2	69	3.4
AMPHETAMINES						
Amphetamine	850		673		175	
Methamphetamine/Speed	357	4.2	278	4.4	78	3.8
Other/unspecified amphetamines	492	5.8	394	6.2	97	4.8
	1	*	1	*	-	-
HALLUCINOGENS						
PCP/PCP combinations	156		140		16	
LSD	152	1.8	136	2.1	16	.8
Other/unspecified hallucinogens	4	*	4	.1	-	-
	-	-	-	-	-	-
OTHER DRUGS						
Alcohol-in-combination	3,145	37.3	2,609	41.0	524	25.7
Cocaine	3,981	47.2	3,192	50.2	778	38.2
Marijuana/Hashish	589	7.0	515	8.1	68	3.3
Codeine combinations	-	-	-	-	-	-
Diphenhydantoin sodium (Dilantin)	84	1.0	51	.8	33	1.6
Diphenhydramine (Benadryl)	319	3.8	170	2.7	147	7.2
O.T.C. diet aids (Dexatrim, Acutrim)	-	-	-	-	-	-
Inhalants/Solvents/Aerosols	122	1.4	104	1.6	18	.9
Methylphenidate (Ritalin)	4	*	1	*	3	.1
All other drugs	1,577	18.7	989	15.5	584	28.7
DRUG UNKNOWN						
	11	.1	8	.1	3	.1
TOTAL DRUG MENTIONS	20,156	239.2	14,972	235.4	5,113	251.2
Total drug abuse deaths	8,426	100.0	6,363	100.0	2,035	100.0

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned. See discussion in the Introduction.

² Includes episodes for which sex was unknown or not reported.

³ Includes opiates not specified as to type. See discussion in the Introduction.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 2.08 - Number of mentions and percent distribution of total deaths by selected drug group according to race/ethnicity: 1994

Drug groups: therapeutic class by drug category (Examples of commonly encountered brands)	TOTAL ²		White		Black		Hispanic		Other	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TRANQUILIZERS	1,151		943		142		49		17	
Diazepam (Valium)	610	7.2	503	10.5	72	2.9	27	2.8	8	5.4
Alprazolam (Xanax)	123	1.5	109	2.3	11	.4	3	.3	-	-
Chlordiazepoxide (Librium)	84	1.0	66	1.4	8	.3	9	.9	1	.7
Clorazepate (Tranxene)	-	-	-	-	-	-	-	-	-	-
Lorazepam (Ativan)	15	.2	14	.3	-	-	-	-	1	.7
Meprobamate	72	.9	61	1.3	4	.2	4	.4	3	2.0
Other/unspecified tranquilizers	247	2.9	190	3.9	47	1.9	6	.6	4	2.7
NARCOTIC ANALGESICS	5,658		3,327		1,535		721		75	
Heroin/Morphine	3,522	41.8	1,928	40.1	1,031	41.4	509	52.3	54	36.5
d-Propoxyphene (Darvocet N, Darvon)	351	4.2	298	6.2	34	1.4	16	1.6	3	2.0
Methadone	367	4.4	201	4.2	112	4.5	51	5.2	3	2.0
Oxycodone (Percocet 5, Percodan, Tylox)	38	.5	35	.7	2	.1	1	.1	-	-
Codeine	1,170	13.9	694	14.4	330	13.2	135	13.9	11	7.4
Meperidine HCl (Demerol)	36	.4	23	.5	9	.4	3	.3	1	.7
Hydromorphone (Dilaudid)	19	.2	18	.4	-	-	1	.1	-	-
Other/unspecified narcotic analgesics	155	1.8	130	2.7	17	.7	5	.5	3	2.0
NON-NARCOTIC ANALGESICS	451		352		65		22		12	
Aspirin	80	.9	66	1.4	6	.2	6	.6	2	1.4
Acetaminophen (Tylenol)	309	3.7	238	4.9	49	2.0	13	1.3	9	6.1
Pentazocine (Talwin, Talacen)	-	-	-	-	-	-	-	-	-	-
Butalbital combinations (Fiorinal, Esgic)	-	-	-	-	-	-	-	-	-	-
Other/unspecified non-narcotic analgesics	62	.7	48	1.0	10	.4	3	.3	1	.7
NON-BARBITURATE SEDATIVES	132		109		17		5		1	
Methaqualone (Quaalude, Sleepinal)	4	*	4	.1	-	-	-	-	-	-
Flurazepam (Dalmane)	46	.5	36	.7	4	.2	5	.5	1	.7
O.T.C. sleep aids (Sominex, Unisom, Nytol)	-	-	-	-	-	-	-	-	-	-
Ethchlorvynol (Placidyl)	7	.1	7	.1	-	-	-	-	-	-
Glutethimide (Doriden)	13	.2	7	.1	6	.2	-	-	-	-
Chloral hydrate	2	*	2	*	-	-	-	-	-	-
Other/unspecified non-barbiturate sedatives	60	.7	53	1.1	7	.3	-	-	-	-
ANTIDEPRESSANTS	1,366		1,071		186		78		31	
Amitriptyline (Elavil)	389	4.6	284	5.9	68	2.7	29	3.0	8	5.4
Amitrip. comb. (Triavil, Limbitrol)	-	-	-	-	-	-	-	-	-	-
Doxepin (Sinequan)	167	2.0	127	2.6	29	1.2	6	.6	5	3.4
Fluoxetine (Prozac)	137	1.6	125	2.6	4	.2	4	.4	4	2.7
Imipramine (Tofranil)	104	1.2	83	1.7	13	.5	7	.7	1	.7
Desipramine (Norpramin)	125	1.5	108	2.2	10	.4	5	.5	2	1.4
Other/unspecified antidepressants	444	5.3	344	7.2	62	2.5	27	2.8	11	7.4
ANTIPSYCHOTICS	192		122		46		19		5	
Chlorpromazine (Thorazine)	26	.3	17	.4	4	.2	4	.4	1	.7
Thioridazine (Mellaril)	65	.8	42	.9	16	.6	6	.6	1	.7
Haloperidol (Haldol)	21	.2	13	.3	7	.3	1	.1	-	-
Trifluoperazine (Stelazine)	7	.1	6	.1	-	-	-	-	1	.7
Other/unspecified antipsychotics	73	.9	44	.9	19	.8	8	.8	2	1.4
BARBITURATE SEDATIVES	368		299		44		19		6	
Phenobarbital	141	1.7	101	2.1	26	1.0	12	1.2	2	1.4
Secobarbital/Amobarbital (Tuinal)	-	-	-	-	-	-	-	-	-	-
Secobarbital (Seconal)	45	.5	40	.8	3	.1	2	.2	-	-
Pentobarbital (Nembutal)	35	.4	30	.6	5	.2	-	-	-	-
Other/unspecified barbiturate sedatives	147	1.7	128	2.7	10	.4	5	.5	4	2.7
AMPHETAMINES	850		678		54		98		20	
Amphetamine	357	4.2	283	5.9	28	1.1	39	4.0	7	4.7
Methamphetamine/Speed	492	5.8	394	8.2	26	1.0	59	6.1	13	8.8
Other/unspecified amphetamines	1	*	1	*	-	-	-	-	-	-
HALLUCINOGENS	156		70		65		20		1	
PCP/PCP combinations	152	1.8	66	1.4	65	2.6	20	2.1	1	.7
LSD	4	*	4	.1	-	-	-	-	-	-
Other/unspecified hallucinogens	-	-	-	-	-	-	-	-	-	-
OTHER DRUGS										
Alcohol-in-combination	3,145	37.3	1,825	37.9	831	33.3	436	44.8	53	35.8
Cocaine	3,981	47.2	1,613	33.5	1,792	71.9	532	54.6	44	29.7
Marijuana/Hashish	589	7.0	357	7.4	156	6.3	64	6.6	12	8.1
Codeine combinations	-	-	-	-	-	-	-	-	-	-
Diphenylhydantoin sodium (Dilantin)	84	1.0	51	1.1	19	.8	12	1.2	2	1.4
Diphenhydramine (Benadryl)	319	3.8	226	4.7	67	2.7	16	1.6	10	6.8
O.T.C. diet aids (Dexatrim, Acutrim)	-	-	-	-	-	-	-	-	-	-
Inhalants/Solvents/Aerosols	122	1.4	92	1.9	14	.6	13	1.3	3	2.0
Methylphenidate (Ritalin)	4	*	4	.1	-	-	-	-	-	-
All other drugs	1,577	18.7	981	20.4	481	19.3	79	8.1	36	24.3
DRUG UNKNOWN	11	.1	5	.1	6	.2	-	-	-	-
TOTAL DRUG MENTIONS	20,156	239.2	12,125	252.0	5,520	221.4	2,183	224.1	328	221.6
Total drug abuse deaths	8,426	100.0	4,811	100.0	2,493	100.0	974	100.0	148	100.0

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned. See discussion in the Introduction.

² Includes episodes for which race/ethnicity was unknown or not reported.

³ Includes opiates not specified as to type. See discussion in the Introduction.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 2.09 - Number of mentions and percent distribution of total deaths by selected drug group according to age:
1994

Drug groups: therapeutic class by drug category	6-17 years		18-25 years		26-34 years		35-44 years		45-54 years		55 years and older	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TRANQUILIZERS	10		85		252		467		212		123	
Diazepam	4	4.1	49	6.3	151	6.9	243	7.5	104	7.4	57	8.5
Alprazolam	1	1.0	8	1.0	24	1.1	57	1.8	23	1.6	10	1.5
Chlordiazepoxide	1	1.0	3	.4	9	.4	39	1.2	18	1.3	14	2.1
Clorazepate	-	-	-	-	-	-	-	-	-	-	-	-
Lorazepam	1	1.0	1	.1	3	.1	3	.1	4	.3	3	.4
Meprobamate	-	-	4	.5	13	.6	32	1.0	13	.9	10	1.5
Other/unspecified	3	3.1	20	2.6	52	2.4	93	2.9	50	3.6	29	4.3
NARCOTIC ANALGESICS	23		362		1,430		2,493		954		366	
Heroin/Morphine ²	14	14.4	244	31.2	937	43.1	1,573	48.5	566	40.2	163	24.2
d-Propoxyphene	2	2.1	17	2.2	78	3.6	129	4.0	66	4.7	59	8.8
Methadone	2	2.1	8	1.0	82	3.8	175	5.4	77	5.5	22	3.3
Oxycodone	-	-	2	.3	12	.6	11	.3	4	.3	9	1.3
Codeine	5	5.2	82	10.5	274	12.6	520	16.0	205	14.6	80	11.9
Meperidine HCl	-	-	3	.4	10	.5	12	.4	7	.5	4	.6
Hydromorphone	-	-	-	-	5	.2	7	.2	3	.2	4	.6
Other/unspecified	-	-	6	.8	32	1.5	66	2.0	26	1.8	25	3.7
NON-NARCOTIC ANALGESICS	9		25		91		145		92		86	
Aspirin	4	4.1	3	.4	12	.6	24	.7	17	1.2	20	3.0
Acetaminophen	4	4.1	19	2.4	63	2.9	100	3.1	57	4.0	63	9.4
Pentazocine	-	-	-	-	-	-	-	-	-	-	-	-
Butalbital combinations	-	-	-	-	-	-	-	-	-	-	-	-
Other/unspecified	1	1.0	3	.4	16	.7	21	.6	18	1.3	3	.4
NON-BARBITURATE SEDATIVES	-		7		22		42		22		39	
Methaqualone	-	-	-	-	2	.1	-	-	1	.1	1	.1
Flurazepam	-	-	-	-	4	.2	17	.5	7	.5	18	2.7
O.T.C. sleep aids	-	-	-	-	-	-	-	-	-	-	-	-
Ethchlorvynol	-	-	-	-	3	.1	2	.1	1	.1	1	.1
Glutethimide	-	-	4	.5	2	.1	5	.2	1	.1	1	.1
Chloral hydrate	-	-	-	-	1	.1	-	-	-	-	1	.1
Other/unspecified	-	-	3	.4	10	.5	18	.6	12	.9	17	2.5
ANTIDEPRESSANTS	26		63		279		501		303		190	
Anitriptyline	5	5.2	15	1.9	79	3.6	148	4.6	82	5.8	58	8.6
Anitriptyline combinations	-	-	-	-	-	-	-	-	-	-	-	-
Doxepin	1	1.0	7	.9	37	1.7	63	1.9	37	2.6	22	3.3
Fluoxetine	1	1.0	9	1.2	22	1.0	52	1.6	31	2.2	21	3.1
Imipramine	8	8.2	8	1.0	24	1.1	28	.9	23	1.6	13	1.9
Desipramine	7	7.2	9	1.2	30	1.4	39	1.2	23	1.6	17	2.5
Other/unspecified	4	4.1	15	1.9	87	4.0	171	5.3	107	7.6	59	8.8
ANTIPSYCHOTICS	2		8		23		80		59		18	
Chlorpromazine	-	-	4	.5	4	.2	8	.2	9	.6	1	.1
Thioridazine	1	1.0	1	.1	6	.3	29	.9	21	1.5	6	.9
Haloperidol	-	-	2	.3	3	.1	9	.3	4	.3	3	.4
Trifluoperazine	-	-	-	-	1	.1	4	.1	1	.1	1	.1
Other/unspecified	1	1.0	1	.1	9	.4	30	.9	24	1.7	7	1.0
BARBITURATE SEDATIVES	3		24		73		131		65		72	
Phenobarbital	2	2.1	9	1.2	33	1.5	47	1.4	34	2.4	16	2.4
Secobarbital/Amobarbital	-	-	-	-	8	.4	-	-	-	-	-	-
Secobarbital	-	-	1	.1	2	.1	12	.4	5	.4	19	2.8
Pentobarbital	-	-	5	.6	2	.1	11	.3	2	.1	15	2.2
Other/unspecified	1	1.0	9	1.2	30	1.4	61	1.9	24	1.7	22	3.3
AMPHETAMINES	20		137		262		279		117		27	
Amphetamine	11	11.3	56	7.2	106	4.9	115	3.5	51	3.6	14	2.1
Methamphetamine/Speed	9	9.3	80	10.2	156	7.2	164	5.1	66	4.7	13	1.9
Other/unspecified	-	-	1	.1	-	-	-	-	-	-	-	-
HALLUCINOGENS	4		33		67		40		10		-	
PCP/PCP combinations	4	4.1	31	4.0	66	3.0	39	1.2	10	.7	-	-
LSD	-	-	2	.3	1	.1	1	.1	-	-	-	-
Other/unspecified	-	-	-	-	-	-	-	-	-	-	-	-
OTHER DRUGS												
Alcohol-in-combination	16	16.5	278	35.5	884	40.7	1,281	39.5	489	34.7	186	27.6
Cocaine	13	13.4	344	44.0	1,172	53.9	1,627	50.2	635	45.1	159	23.6
Marijuana/Hashish	28	28.9	139	17.8	180	8.3	164	5.1	54	3.8	20	3.0
Codeine combinations	-	-	-	-	-	-	-	-	-	-	-	-
Diphenylhydantoin sodium	1	1.0	11	1.4	21	1.0	25	.8	14	1.0	10	1.5
Diphenhydramine	4	4.1	31	4.0	67	3.1	120	3.7	53	3.8	44	6.5
O.T.C. diet aids	-	-	-	-	-	-	-	-	-	-	-	-
Inhalants/Solvents/Aerosols	3	3.1	10	1.3	27	1.2	43	1.3	20	1.4	18	2.7
Methylphenidate	1	1.0	-	-	1	.1	2	.1	-	-	-	-
All other drugs	12	12.4	84	10.7	362	16.7	582	17.9	317	30.2	203	30.2
DRUG UNKNOWN	-	-	1	.1	4	.2	3	.1	2	.1	1	.1
TOTAL DRUG MENTIONS	175	180.4	1,642	210.0	5,217	240.1	8,025	247.5	3,418	242.8	1,562	232.1
Total drug abuse deaths	97	100.0	782	100.0	2,173	100.0	3,243	100.0	1,408	100.0	673	100.0

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned. See discussion in the Introduction.

² Includes opiates not specified as to type. See discussion in the Introduction.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 2.10 - Number of mentions and percent distribution of total deaths by selected drug group according to cause of death: 1994

Drug groups: therapeutic class by drug category	Direct - single drug		Direct - multiple drugs		Drug and physiological condition		Drug and external physical event		Drug and medical disorder	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
TRANQUILIZERS	6		817		95		181		17	
Diazepam	1	0.1	433	9.3	57	6.2	100	5.9	6	3.1
Alprazolam	1	.1	102	2.2	7	.8	8	.5	1	.5
Chlordiazepoxide	-	-	59	1.3	8	.9	11	.6	4	2.0
Clorazepate	-	-	-	-	-	-	-	-	-	-
Lorazepam	-	-	13	.3	1	.1	1	.1	-	-
Meprobamate	-	-	61	1.3	6	.7	4	.2	-	-
Other/unspecified	4	.5	149	3.2	16	1.7	57	3.4	6	3.1
NARCOTIC ANALGESICS	288		4,443		364		386		102	
Heroin/Morphine ²	251	31.5	2,774	59.7	177	19.3	220	13.0	57	29.1
d-Propoxyphene	14	1.8	261	5.6	31	3.4	31	1.8	4	2.0
Methadone	15	1.9	238	5.1	55	6.0	33	1.9	20	10.2
Oxycodone	-	-	29	.6	4	.4	2	.1	1	.5
Codeine	-	-	993	21.4	71	7.8	82	4.8	16	8.2
Meperidine HCl	1	.1	26	.6	4	.4	2	.1	1	.5
Hydromorphone	1	.1	13	.3	2	.2	2	.1	-	-
Other/unspecified	6	.8	109	2.3	20	2.2	14	.8	3	1.5
NON-NARCOTIC ANALGESICS	37		284		45		63		13	
Aspirin	13	1.6	50	1.1	7	.8	8	.5	-	-
Acetaminophen	19	2.4	196	4.2	30	3.3	47	2.8	10	5.1
Pentazocine	-	-	-	-	-	-	-	-	-	-
Butalbital combinations	-	-	-	-	-	-	-	-	-	-
Other/unspecified	5	.6	38	.8	8	.9	8	.5	3	1.5
NON-BARBITURATE SEDATIVES	3		107		12		9		-	
Methaqualone	1	.1	3	.1	-	-	-	-	-	-
Flurazepam	-	-	34	.7	5	.5	6	.4	-	-
O.T.C. sleep aids	-	-	-	-	-	-	-	-	-	-
Ethchlorvynol	-	-	6	.1	1	.1	-	-	-	-
Glutethimide	-	-	12	.3	1	.1	-	-	-	-
Chloral hydrate	-	-	2	*	-	-	-	-	-	-
Other/unspecified	2	.3	50	1.1	5	.5	3	.2	-	-
ANTIDEPRESSANTS	57		1,029		111		109		30	
Amitriptyline	14	1.8	288	6.2	39	4.3	25	1.5	12	6.1
Amitriptyline combinations	-	-	-	-	-	-	-	-	-	-
Doxepin	8	1.0	131	2.8	12	1.3	6	.4	3	1.5
Fluoxetine	-	-	98	2.1	7	.8	28	1.7	1	.5
Imipramine	9	1.1	80	1.7	4	.4	8	.5	3	1.5
Desipramine	9	1.1	93	2.0	11	1.2	8	.5	3	1.5
Other/unspecified	17	2.1	339	7.3	38	4.2	34	2.0	8	4.1
ANTIPSYCHOTICS	2		144		26		12		3	
Chlorpromazine	-	-	19	.4	3	.3	4	.2	-	-
Thioridazine	-	-	44	.9	12	1.3	4	.2	2	1.0
Haloperidol	1	.1	18	.4	1	.1	1	.1	-	-
Trifluoperazine	-	-	4	.1	1	.1	2	.1	-	-
Other/unspecified	1	.1	59	1.3	9	1.0	1	.1	1	.5
BARBITURATE SEDATIVES	21		251		31		53		7	
Phenobarbital	4	.5	102	2.2	14	1.5	13	.8	5	2.6
Secobarbital/Amobarbital	-	-	-	-	-	-	-	-	-	-
Secobarbital	6	.8	31	.7	2	.2	6	.4	-	-
Pentobarbital	6	.8	25	.5	1	.1	3	.2	-	-
Other/unspecified	5	.6	93	2.0	14	1.5	31	1.8	2	1.0
AMPHETAMINES	16		304		134		344		19	
Amphetamine	2	.3	122	2.6	56	6.1	152	9.0	5	2.6
Methamphetamine/Speed	14	1.8	181	3.9	78	8.5	192	11.3	14	7.1
Other/unspecified	-	-	1	*	-	-	-	-	-	-
HALLUCINOGENS	8		61		12		68		3	
PCP/PCP combinations	8	1.0	60	1.3	12	1.3	65	3.8	3	1.5
LSD	-	-	1	*	-	-	3	.2	-	-
Other/unspecified	-	-	-	-	-	-	-	-	-	-
OTHER DRUGS	-		-		-		-		-	
Alcohol-in-combination	-	-	2,145	46.2	193	21.1	712	42.1	39	19.9
Cocaine	262	32.8	2,231	48.1	470	51.4	842	49.7	102	52.0
Marijuana/Hashish	-	-	146	3.1	94	10.3	315	18.6	13	6.6
Codeine combinations	-	-	-	-	-	-	-	-	-	-
Diphenylhydantoin sodium	1	.1	45	1.0	15	1.6	14	.8	4	2.0
Diphenhydramine	9	1.1	206	4.4	40	4.4	49	2.9	7	3.6
O.T.C. diet aids	-	-	-	-	-	-	-	-	-	-
Inhalants/Solvents/Aerosols	27	3.4	51	1.1	18	2.0	21	1.2	-	-
Methylphenidate	-	-	2	*	-	-	1	.1	-	-
All other drugs	61		1,022	22.0	211	23.1	212	12.5	27	13.8
DRUG UNKNOWN	-	-	6	.1	-	-	5	.3	-	-
TOTAL DRUG MENTIONS	798	100.0	13,294	286.3	1,871	204.4	3,396	200.6	386	196.9
Total drug abuse deaths	798	100.0	4,643	100.0	915	100.0	1,693	100.0	196	100.0

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned. See discussion in the Introduction.

² Includes opiates not specified as to type. See discussion in the Introduction.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 2.11 - Number of mentions and percent distribution of total deaths by selected drug group according to manner of death: 1994

Drug groups: therapeutic class by drug category	Accidental/unexpected		Suicide		Other/unknown	
	Number	Percent	Number	Percent	Number	Percent
TRANQUILIZERS	577		297		277	
Diazepam	349	7.3	117	6.9	144	7.3
Alprazolam	53	1.1	46	2.7	24	1.2
Chlordiazepoxide	39	.8	20	1.2	25	1.3
Clorazepate	-	-	-	-	-	-
Lorazepam	3	.1	11	.7	-	-
Meprobamate	32	.7	21	1.2	19	1.0
Other/unspecified	101	2.1	82	4.9	64	3.2
NARCOTIC ANALGESICS	3,796		505		1,357	
Heroin/Morphine ²	2,530	53.1	159	9.4	833	42.1
d-Propoxyphene	137	2.9	134	7.9	80	4.0
Methadone	240	5.0	29	1.7	98	5.0
Oxycodone	16	.3	14	.8	8	.4
Codeine	792	16.6	106	6.3	272	13.8
Meperidine HCl	10	.2	11	.7	15	.8
Hydromorphone	4	.1	8	.5	7	.4
Other/unspecified	67	1.4	44	2.6	44	2.2
NON-NARCOTIC ANALGESICS	105		219		127	
Aspirin	13	.3	49	2.9	18	.9
Acetaminophen	77	1.6	140	8.3	92	4.7
Pentazocine	-	-	-	-	-	-
Butalbital combinations	-	-	-	-	-	-
Other/unspecified	15	.3	30	1.8	17	.9
NON-BARBITURATE SEDATIVES	52		58		22	
Methaqualone	3	.1	1	.1	-	-
Flurazepam	17	.4	24	1.4	5	.3
O.T.C. sleep aids	-	-	-	-	-	-
Ethchlorvynol	3	.1	2	.1	2	.1
Glutethimide	11	.2	1	.1	1	.1
Chloral hydrate	-	-	2	.1	-	-
Other/unspecified	18	.4	28	1.7	14	.7
ANTIDEPRESSANTS	400		672		294	
Amitriptyline	124	2.6	171	10.1	94	4.8
Amitriptyline combinations	-	-	-	-	-	-
Doxepin	50	1.1	73	4.3	44	2.2
Fluoxetine	32	.7	77	4.6	28	1.4
Imipramine	29	.6	60	3.6	15	.8
Desipramine	24	.5	78	4.6	23	1.2
Other/unspecified	141	3.0	213	12.6	90	4.6
ANTIPSYCHOTICS	66		61		65	
Chlorpromazine	14	.3	4	.2	8	.4
Thioridazine	21	.4	19	1.1	25	1.3
Haloperidol	4	.1	9	.5	8	.4
Trifluoperazine	3	.1	2	.1	2	.1
Other/unspecified	24	.5	27	1.6	22	1.1
BARBITURATE SEDATIVES	121		176		71	
Phenobarbital	57	1.2	54	3.2	30	1.5
Secobarbital/Amobarbital	-	-	-	-	-	-
Secobarbital	12	.3	29	1.7	4	.2
Pentobarbital	5	.1	26	1.5	4	.2
Other/unspecified	47	1.0	67	4.0	33	1.7
AMPHETAMINES	539		159		152	
Amphetamine	222	4.7	72	4.3	63	3.2
Methamphetamine/Speed	316	6.6	87	5.2	89	4.5
Other/unspecified	1	*	-	-	-	-
HALLUCINOGENS	106		19		31	
PCP/PCP combinations	103	2.2	18	1.1	31	1.6
LSD	3	.1	1	.1	-	-
Other/unspecified	-	-	-	-	-	-
OTHER DRUGS						
Alcohol-in-combination	1,958	41.1	580	34.4	607	30.7
Cocaine	2,634	55.3	419	24.8	928	46.9
Marijuana/Hashish	305	6.4	146	8.6	138	7.0
Codeine combinations	-	-	-	-	-	-
Diphenylhydantoin sodium	32	.7	21	1.2	31	1.6
Diphenhydramine	107	2.2	119	7.0	93	4.7
O.T.C. diet aids	-	-	-	-	-	-
Inhalants/Solvents/Aerosols	45	.9	52	3.1	25	1.3
Methylphenidate	1	*	2	.1	1	.1
All other drugs	493	10.4	442	26.2	642	32.5
DRUG UNKNOWN ¹	7	.1	2	.1	2	.1
TOTAL DRUG MENTIONS	11,344	238.3	3,949	233.9	4,863	246.0
Total drug abuse deaths	4,761	100.0	1,688	100.0	1,977	100.0

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned. See discussion in the Introduction.

² Includes opiates not specified as to type. See discussion in the Introduction.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 2.12 - Percent distribution of drug mentions by sex and race/ethnicity according to drug group: 1994

Drug groups: therapeutic class by drug category	Sex				Race/ethnicity						Number of mentions
	Male	Female	Unknown	TOTAL	White	Black	Hispanic	Other	Unknown	TOTAL	
TRANQUILIZERS	66.9	32.4	0.7	100.0	81.9	12.3	4.3	0.8	0.7	100.0	1,151
Diazepam	70.5	28.9	.7	100.0	82.5	11.8	4.4	.5	.8	100.0	610
Alprazolam	56.1	43.9	-	100.0	88.6	8.9	2.4	-	-	100.0	123
Chlordiazepoxide	66.7	32.1	1.2	100.0	78.6	9.5	10.7	1.2	-	100.0	84
Clorazepate .....	...	...	...	...	...	...	...	...	...	...	-
Lorazepam	40.0	60.0	...	100.0	93.3	...	...	6.7	...	100.0	15
Meprobamate	65.3	31.9	2.8	100.0	84.7	5.6	5.6	1.4	2.8	100.0	72
Other/unspecified	65.6	34.0	.4	100.0	76.9	19.0	2.4	1.2	.4	100.0	247
NARCOTIC ANALGESICS	78.6	21.0	.3	100.0	58.8	27.1	12.7	.8	.5	100.0	5,658
Heroin/Morphine ²	82.6	17.1	.3	100.0	54.7	29.3	14.5	.9	.6	100.0	3,522
d-Propoxyphene	58.7	40.2	1.1	100.0	84.9	9.7	4.6	.6	.3	100.0	351
Methadone	73.0	27.0	-	100.0	54.8	30.5	13.9	.5	-	100.0	367
Oxycodone	60.5	39.5	-	100.0	92.1	5.3	2.6	-	-	100.0	38
Codeine	78.3	21.5	.2	100.0	59.3	28.2	11.5	.5	.4	100.0	1,170
Meperidine HCl	44.4	55.6	-	100.0	63.9	25.0	8.3	2.8	-	100.0	36
Hydromorphone	84.2	15.8	-	100.0	94.7	-	5.3	-	-	100.0	19
Other/unspecified	61.3	38.7	-	100.0	83.9	11.0	3.2	1.3	.6	100.0	155
NON-NARCOTIC ANALGESICS	52.8	47.0	.2	100.0	78.0	14.4	4.9	2.0	.7	100.0	451
Aspirin	56.3	43.8	-	100.0	82.5	7.5	7.5	1.2	1.2	100.0	80
Acetaminophen	49.2	50.5	.3	100.0	77.0	15.9	4.2	2.3	.6	100.0	309
Pentazocine .....	...	...	...	...	...	...	...	...	...	...	-
Butalbital combinations .....	...	...	...	...	...	...	...	...	...	...	-
Other/unspecified	66.1	33.9	-	100.0	77.4	16.1	4.8	1.6	-	100.0	62
NON-BARBITURATE SEDATIVES	52.3	47.0	.8	100.0	82.6	12.9	3.8	.8	-	100.0	132
Methaqualone .....	...	...	...	...	...	...	...	...	...	...	4
Flurazepam	37.0	60.9	2.2	100.0	78.3	8.7	10.9	2.2	...	100.0	46
O.T.C. sleep aids .....	...	...	...	...	...	...	...	...	...	...	-
Ethchlorvynol	71.4	28.6	-	100.0	100.0	-	-	-	-	100.0	7
Glutethimide	84.6	15.4	-	100.0	53.8	46.2	-	-	-	100.0	13
Chloral hydrate .....	...	...	...	...	...	...	...	...	...	...	2
Other/unspecified	55.0	45.0	...	100.0	88.3	11.7	...	...	...	100.0	60
ANTIDEPRESSANTS	51.0	48.9	.1	100.0	78.4	13.6	5.7	1.6	.7	100.0	1,366
Amitriptyline	53.0	46.5	.5	100.0	73.0	17.5	7.5	1.5	.5	100.0	389
Amitriptyline combinations .....	...	...	...	...	...	...	...	...	...	...	-
Doxepin	64.7	35.3	-	100.0	76.0	17.4	3.6	2.4	.6	100.0	167
Fluoxetine	39.4	60.6	-	100.0	91.2	2.9	2.9	1.5	1.5	100.0	137
Imipramine	46.2	53.8	-	100.0	79.8	12.5	6.7	1.0	-	100.0	104
Desipramine	52.0	48.0	-	100.0	86.4	8.0	4.0	1.6	-	100.0	125
Other/unspecified	48.4	51.6	-	100.0	77.5	14.0	6.1	1.6	.9	100.0	444
ANTIPSYCHOTICS	43.8	54.7	1.6	100.0	63.5	24.0	9.9	1.0	1.6	100.0	192
Chlorpromazine	61.5	38.5	-	100.0	65.4	15.4	15.4	3.8	-	100.0	26
Thioridazine	46.2	52.1	1.5	100.0	64.6	24.6	9.2	-	1.5	100.0	65
Haloperidol	38.1	61.9	-	100.0	61.9	33.3	4.8	-	-	100.0	21
Trifluoperazine	28.6	57.1	14.3	100.0	85.7	-	-	14.3	-	100.0	7
Other/unspecified	38.4	60.3	1.4	100.0	60.3	26.0	11.0	-	2.7	100.0	73
BARBITURATE SEDATIVES	57.9	41.6	.5	100.0	81.3	12.0	5.2	.8	.8	100.0	368
Phenobarbital	58.9	40.4	.7	100.0	71.6	18.4	8.5	.7	.7	100.0	141
Secobarbital/Amobarbital	-	-	-	-	-	-	-	-	-	-	-
Secobarbital	60.0	40.0	-	100.0	88.9	6.7	4.4	-	-	100.0	45
Pentobarbital	71.4	25.7	2.9	100.0	85.7	14.3	-	-	-	100.0	35
Other/unspecified	53.1	46.9	-	100.0	87.1	6.8	3.4	1.4	1.4	100.0	147
AMPHETAMINES	79.2	20.6	.2	100.0	79.8	6.4	11.5	1.4	.9	100.0	850
Amphetamine	77.9	21.8	.3	100.0	79.3	7.8	10.9	1.4	.6	100.0	357
Methamphetamine/Speed	80.1	19.7	.2	100.0	80.1	5.3	12.0	1.4	1.2	100.0	492
Other/unspecified .....	...	...	...	...	...	...	...	...	...	...	1
HALLUCINOGENS	89.7	10.3	-	100.0	44.9	41.7	12.8	-	.6	100.0	156
PCP/PCP combinations	89.5	10.5	-	100.0	43.4	42.8	13.2	-	.7	100.0	152
LSD .....	...	...	...	...	...	...	...	...	...	...	4
Other/unspecified .....	...	...	...	...	...	...	...	...	...	...	-
OTHER DRUGS .....	...	...	...	...	...	...	...	...	...	...	...
Alcohol-in-combination	83.0	16.7	.4	100.0	58.0	26.4	13.9	1.0	.6	100.0	3,145
Cocaine	80.2	19.5	.3	100.0	40.5	45.0	13.4	.5	.6	100.0	3,981
Marijuana/Hashish	87.4	11.5	1.0	100.0	60.6	26.5	10.9	.7	1.4	100.0	589
Codeine combinations .....	...	...	...	...	...	...	...	...	...	...	-
Diphenylhydantoin sodium	60.7	39.3	-	100.0	60.7	22.6	14.3	1.2	1.2	100.0	84
Diphenhydramine	53.3	46.1	.6	100.0	70.8	21.0	5.0	2.8	.3	100.0	319
O.T.C. diet aids	-	-	-	-	-	-	-	-	-	-	-
Inhalants/Solvents/Aerosols	85.2	14.8	-	100.0	75.4	11.5	10.7	2.5	-	100.0	122
Methylphenidate .....	...	...	...	...	...	...	...	...	...	...	4
All other drugs	62.7	37.0	.3	100.0	62.2	30.5	5.0	1.7	.6	100.0	1,577
DRUG UNKNOWN ¹	72.7	27.3	-	100.0	45.5	54.5	-	-	-	100.0	11
TOTAL DRUG MENTIONS	74.3	25.4	.4	100.0	60.2	27.4	10.8	1.0	.6	100.0	20,156

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 2.13 - Percent distribution of drug mentions by age according to drug group: 1994

Drug groups: therapeutic class by drug category	Age (in years)									Number of mentions
	6-11	12-17	18-25	26-34	35-44	45-54	55+	Unknown	TOTAL	
TRANQUILIZERS	-	0.9	7.4	21.9	40.6	18.4	10.7	0.2	100.0	1,151
Diazepam	-	.7	8.0	24.8	39.8	17.0	9.3	.3	100.0	610
Alprazolam	-	.8	6.5	19.5	46.3	18.7	8.1	-	100.0	123
Chlordiazepoxide	-	1.2	3.6	10.7	46.4	21.4	16.7	-	100.0	84
Clorazepate	0...	-	-	-	-	-	-	-	-	-
Lorazepam	-	6.7	6.7	20.0	20.0	26.7	20.0	-	100.0	15
Meprobamate	-	-	5.6	18.1	44.4	18.1	13.9	-	100.0	72
Other/unspecified	-	1.2	8.1	21.1	37.7	20.2	11.7	-	100.0	247
NARCOTIC ANALGESICS	*	.4	6.4	25.3	44.1	16.9	6.5	.5	100.0	5,658
Heroin/Morphine ²	-	.4	6.9	26.6	44.7	16.1	4.6	.7	100.0	3,522
d-Propoxyphene	-	.6	4.8	22.2	36.8	18.8	16.8	-	100.0	351
Methadone	-	.5	2.2	22.3	47.7	21.0	6.0	.3	100.0	367
Oxycodone	-	-	5.3	31.6	28.9	10.5	23.7	-	100.0	38
Codeine .....	.1	.3	7.0	23.4	44.4	17.5	6.8	.3	100.0	1,170
Meperidine HCl	-	-	8.3	27.8	33.3	19.4	11.1	-	100.0	36
Hydromorphone	-	-	-	26.3	36.8	15.8	21.1	-	100.0	19
Other/unspecified	-	-	3.9	20.6	42.6	16.8	16.1	-	100.0	155
NON-NARCOTIC ANALGESICS	-	2.0	5.5	20.2	32.2	20.4	19.1	.7	100.0	451
Aspirin	-	5.0	3.7	15.0	30.0	21.2	25.0	-	100.0	80
Acetaminophen	-	1.3	6.1	20.4	32.4	18.4	20.4	1.0	100.0	309
Pentazocine .....	...	...	...	...	...	...	...	...	...	-
Butalbital combinations .....	...	...	...	...	...	...	...	...	...	-
Other/unspecified	-	1.6	4.8	25.8	33.9	29.0	4.8	-	100.0	62
NON-BARBITURATE SEDATIVES	-	-	5.3	16.7	31.8	16.7	29.5	-	100.0	132
Methaqualone .....	...	...	...	8.7	37.0	15.2	39.1	-	100.0	4
Flurazepam .....	...	...	...	...	...	...	...	...	...	46
O.T.C. sleep aids .....	...	...	...	...	...	...	...	...	...	-
Ethchlorvynol	-	-	-	42.9	28.6	14.3	14.3	-	100.0	7
Glutethimide	-	-	30.8	15.4	38.5	7.7	7.7	-	100.0	13
Chloral hydrate .....	...	...	...	...	...	...	...	...	...	2
Other/unspecified	-	-	5.0	16.7	30.0	20.0	28.3	-	100.0	60
ANTIDEPRESSANTS	-	1.8	4.6	20.4	36.7	22.2	13.9	.3	100.0	1,366
Amitriptyline	-	1.3	3.9	20.3	38.0	21.1	14.9	.5	100.0	389
Amitriptyline combinations .....	...	...	...	...	...	...	...	...	...	-
Doxepin	-	.6	4.2	22.2	37.7	22.2	13.2	-	100.0	167
Fluoxetine	-	.7	6.6	16.1	38.0	22.6	15.3	.7	100.0	137
Imipramine	-	6.7	7.7	23.1	26.9	22.1	12.5	-	100.0	104
Desipramine	-	4.8	7.2	24.0	31.2	18.4	13.6	-	100.0	125
Other/unspecified	-	.9	3.4	19.6	38.5	24.1	13.3	.2	100.0	444
ANTIPSYCHOTICS	-	1.0	4.2	12.0	41.7	30.7	9.4	1.0	100.0	192
Chlorpromazine	-	-	15.4	15.4	30.8	34.6	3.8	-	100.0	26
Thioridazine	-	1.5	1.5	9.2	44.6	32.3	9.2	1.5	100.0	65
Haloperidol	-	-	9.5	14.3	42.9	19.0	14.3	-	100.0	21
Trifluoperazine	-	-	-	14.3	57.1	14.3	14.3	-	100.0	7
Other/unspecified	-	1.4	1.4	12.3	41.1	32.9	9.6	1.4	100.0	73
BARBITURATE SEDATIVES	-	.8	6.5	19.8	35.6	17.7	19.6	-	100.0	368
Phenobarbital	-	1.4	6.4	23.4	33.3	24.1	11.3	-	100.0	141
Secobarbital/Amobarbital	-	-	-	-	-	-	-	-	-	-
Secobarbital	-	-	2.2	17.8	26.7	11.1	42.2	-	100.0	45
Pentobarbital	-	-	14.3	5.7	31.4	5.7	42.9	-	100.0	35
Other/unspecified	-	.7	6.1	20.4	41.5	16.3	15.0	-	100.0	147
AMPHETAMINES	-	2.2	16.1	30.8	32.8	13.8	3.2	.9	100.0	850
Amphetamine	-	2.8	15.7	29.7	32.2	14.3	3.9	1.1	100.0	357
Methamphetamine/Speed	-	1.8	16.3	31.7	33.3	13.4	2.6	.8	100.0	492
Other/unspecified .....	...	...	...	...	...	...	...	...	...	1
HALLUCINOGENS	-	2.6	21.2	42.9	25.6	6.4	-	1.3	100.0	156
PCP/PCP combinations	-	2.6	20.4	43.4	25.7	6.6	-	1.3	100.0	152
LSD .....	...	...	...	...	...	...	...	...	...	4
Other/unspecified	-	-	-	-	-	-	-	-	-	-
OTHER DRUGS	-	.5	8.8	28.1	40.7	15.5	5.9	.3	100.0	3,145
Alcohol-in-combination	-	.3	8.6	29.4	40.9	16.0	4.0	.8	100.0	3,981
Cocaine	-	4.8	23.6	30.6	27.8	9.2	3.4	.7	100.0	589
Marijuana/Hashish .....	...	...	...	...	...	...	...	...	...	-
Codeine combinations .....	...	...	...	...	...	...	...	...	...	-
Diphenylhydantoin sodium	-	1.2	13.1	25.0	29.8	16.7	11.9	2.4	100.0	84
Diphenhydramine	-	1.3	9.7	21.0	37.6	16.6	13.8	-	100.0	319
O.T.C. diet aids	-	-	-	-	-	-	-	-	-	-
Inhalants/Solvents/Aerosols	-	2.5	8.2	22.1	35.2	16.4	14.8	.8	100.0	122
Methylphenidate .....	...	...	...	...	...	...	...	...	...	4
All other drugs	-	.8	5.3	23.0	36.9	20.1	12.9	1.1	100.0	1,577
DRUG UNKNOWN ¹	-	-	9.1	36.4	27.3	18.2	9.1	-	100.0	11
TOTAL DRUG MENTIONS	*	.8	8.1	25.9	39.8	17.0	7.7	.6	100.0	20,156

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 2.14 - Percent distribution of drug mentions by cause of death according to drug group: 1994

Drug groups: therapeutic class by drug category	Cause of death							Number of mentions
	Direct - single drug	Direct - multiple drugs	Drug and physio- logical condition	Drug and external physical event	Drug and medical disorder	Unknown	TOTAL	
TRANQUILIZERS	0.5	71.0	8.3	15.7	1.5	3.0	100.0	1,151
Diazepam .....	.2	71.0	9.3	16.4	1.0	2.1	100.0	610
Alprazolam .....	.8	82.9	5.7	6.5	.8	3.3	100.0	123
Chlordiazepoxide	-	70.2	9.5	13.1	4.8	2.4	100.0	84
Clorazepate .....	...	...	...	...	...	...	...	...
Lorazepam	-	86.7	6.7	6.7	-	-	100.0	15
Meprobamate	-	84.7	8.3	5.6	-	1.4	100.0	72
Other/unspecified	1.6	60.3	6.5	23.1	2.4	6.1	100.0	247
NARCOTIC ANALGESICS	5.1	78.5	6.4	6.8	1.8	1.3	100.0	5,658
Heroin/Morphine ²	7.1	78.8	5.0	6.2	1.6	1.2	100.0	3,522
d-Propoxyphene	4.0	74.4	8.8	8.8	1.1	2.8	100.0	351
Methadone	4.1	64.9	15.0	9.0	5.4	1.6	100.0	367
Oxycodone	-	76.3	10.5	5.3	2.6	5.3	100.0	1,170
Codeine	-	84.9	6.1	7.0	1.4	5.7	100.0	36
Meperidine HCl	2.8	72.2	11.1	5.6	2.8	5.6	100.0	19
Hydromorphone	5.3	68.4	10.5	10.5	-	5.3	100.0	155
Other/unspecified	3.9	70.3	12.9	9.0	1.9	1.9	100.0	451
NON-NARCOTIC ANALGESICS	8.2	63.0	10.0	14.0	2.9	2.0	100.0	80
Aspirin	16.2	62.5	8.7	10.0	-	2.5	100.0	309
Acetaminophen	6.1	63.4	9.7	15.2	3.2	2.3	100.0	-
Pentazocine .....	...	...	...	...	...	...	...	-
Butalbital combinations .....	...	...	...	...	...	...	...	-
Other/unspecified	8.1	61.3	12.9	12.9	4.8	-	100.0	62
NON-BARBITURATE SEDATIVES	2.3	81.1	9.1	6.8	-	.8	100.0	132
Methaqualone .....	...	...	...	...	...	...	...	4
Flurazepam .....	...	73.9	10.9	13.0	...	2.2	100.0	46
O.T.C. sleep aids .....	...	...	...	...	...	...	...	7
Ethchlorvynol .....	...	85.7	14.3	-	-	-	100.0	13
Glutethimide	-	92.3	7.7	-	-	-	100.0	2
Chloral hydrate .....	...	...	...	...	...	...	...	60
Other/unspecified	3.3	83.3	8.3	5.0	...	...	100.0	1,366
ANTIDEPRESSANTS	4.2	75.3	8.1	8.0	2.2	2.2	100.0	389
Amitriptyline	3.6	74.0	10.0	6.4	3.1	2.8	100.0	167
Amitriptyline combinations .....	...	...	...	...	...	...	...	137
Doxepin	4.8	78.4	7.2	3.6	1.8	4.2	100.0	104
Fluoxetine .....	...	71.5	5.1	20.4	7.7	2.2	100.0	125
Imipramine	8.7	76.9	3.8	7.7	2.9	.8	100.0	444
Desipramine	7.2	74.4	8.8	6.4	2.4	-	100.0	192
Other/unspecified	3.8	76.4	8.6	7.7	1.8	1.8	100.0	26
ANTIPSYCHOTICS	1.0	75.0	13.5	6.3	1.6	2.6	100.0	65
Chlorpromazine	-	73.1	11.5	15.4	-	-	100.0	21
Thioridazine	-	67.7	18.5	6.2	3.1	4.6	100.0	7
Haloperidol	4.8	85.7	4.8	4.8	-	-	100.0	73
Trifluoperazine .....	...	57.1	14.3	28.6	-	-	100.0	368
Other/unspecified	1.4	80.8	12.3	1.4	1.4	2.7	100.0	141
BARBITURATE SEDATIVES	5.7	68.2	8.4	14.4	1.9	1.4	100.0	45
Phenobarbital	2.8	72.3	9.9	9.2	3.5	2.1	100.0	35
Secobarbital/Amobarbital .....	...	...	...	...	...	...	...	147
Secobarbital	13.3	68.9	4.4	13.3	-	-	100.0	850
Pentobarbital	17.1	71.4	2.9	8.6	-	-	100.0	357
Other/unspecified	3.4	63.3	9.5	21.1	1.4	1.4	100.0	492
AMPHETAMINES	1.9	35.8	15.8	40.5	2.2	3.9	100.0	1
Amphetamine .....	.6	34.2	15.7	42.6	1.4	5.6	100.0	156
Methamphetamine/Speed	2.8	36.8	15.9	39.0	2.8	2.6	100.0	152
Other/unspecified .....	...	...	...	...	...	...	...	4
HALLUCINOGENS	5.1	39.1	7.7	43.6	1.9	2.6	100.0	-
PCP/PCP combinations	5.3	39.5	7.9	42.8	2.0	2.6	100.0	-
LSD .....	...	...	...	...	...	...	...	-
Other/unspecified .....	...	...	...	...	...	...	...	-
OTHER DRUGS	-	68.2	6.1	22.6	1.2	1.8	100.0	3,145
Alcohol-in-combination	6.6	56.0	11.8	21.2	2.6	1.9	100.0	3,981
Cocaine	-	24.8	16.0	53.5	2.2	3.6	100.0	589
Marijuana/Hashish .....	...	...	...	...	...	...	...	84
Codeine combinations	1.2	53.6	17.9	16.7	4.8	6.0	100.0	319
Diphenylhydantoin sodium	2.8	64.6	12.5	15.4	2.2	2.5	100.0	-
Diphenhydramine .....	...	...	...	...	...	...	...	122
O.T.C. diet aids	22.1	41.8	14.8	17.2	-	4.1	100.0	4
Inhalants/Solvents/Aerosols .....	...	...	...	...	...	...	...	1,577
Methylphenidate	3.9	64.8	13.4	13.4	1.7	2.8	100.0	11
All other drugs	-	54.5	-	45.5	-	-	100.0	-
DRUG UNKNOWN	-	-	-	-	-	-	-	-
TOTAL DRUG MENTIONS	4.0	66.0	9.3	16.8	1.9	2.0	100.0	20,156

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 2.15 - Percent distribution of drug mentions by manner of death according to drug group: 1994

Drug groups: therapeutic class by drug category	Manner of death				Number of mentions
	Accidental/ unexpected	Suicide	Other/unknown	TOTAL	
TRANQUILIZERS	50.1	25.8	24.1	100.0	1,151
Diazepam	57.2	19.2	23.6	100.0	610
Alprazolam	43.1	37.4	19.5	100.0	123
Chlordiazepoxide	46.4	23.8	29.8	100.0	84
Clorazepate .....	...	...	...	...	-
Lorazepam	20.0	73.3	6.7	100.0	15
Meprobamate	44.4	29.2	26.4	100.0	72
Other/unspecified	40.9	33.2	25.9	100.0	247
NARCOTIC ANALGESICS	67.1	8.9	24.0	100.0	5,658
Heroin/Morphine ²	71.8	4.5	23.7	100.0	3,522
d-Propoxyphene	39.0	38.2	22.8	100.0	351
Methadone	65.4	7.9	26.7	100.0	367
Oxycodone	42.1	36.8	21.1	100.0	38
Codeine	67.7	9.1	23.2	100.0	1,170
Meperidine HCl	27.8	30.6	41.7	100.0	36
Hydromorphone	21.1	42.1	36.8	100.0	19
Other/unspecified	43.2	28.4	28.4	100.0	155
NON-NARCOTIC ANALGESICS	23.3	48.6	28.2	100.0	451
Aspirin	16.2	61.2	22.5	100.0	80
Acetaminophen	24.9	45.3	29.8	100.0	309
Pentazocine .....	...	...	...	...	-
Butalbital combinations .....	...	...	...	...	-
Other/unspecified	24.2	48.4	27.4	100.0	62
NON-BARBITURATE SEDATIVES	39.4	43.9	16.7	100.0	132
Methaqualone .....	...	...	...	...	4
Flurazepam	37.0	52.2	10.9	100.0	46
O.T.C. sleep aids .....	...	...	...	...	-
Ethchlorvynol	42.9	28.6	28.6	100.0	7
Glutethimide	84.6	7.7	7.7	100.0	13
Chloral hydrate .....	...	...	...	...	2
Other/unspecified	30.0	46.7	23.3	100.0	60
ANTIDEPRESSANTS	29.3	49.2	21.5	100.0	1,366
Amitriptyline	31.9	44.0	24.2	100.0	389
Amitriptyline combinations .....	...	...	...	...	-
Doxepin	29.9	43.7	26.3	100.0	167
Fluoxetine	23.4	56.2	20.4	100.0	137
Imipramine	27.9	57.7	14.4	100.0	104
Desipramine	19.2	62.4	18.4	100.0	125
Other/unspecified	31.8	48.0	20.3	100.0	444
ANTI-PSYCHOTICS	34.4	31.8	33.9	100.0	192
Chlorpromazine	53.8	15.4	30.8	100.0	26
Thioridazine	32.3	29.2	38.5	100.0	65
Haloperidol	19.0	42.9	38.1	100.0	21
Trifluoperazine	42.9	28.6	28.6	100.0	7
Other/unspecified	32.9	37.0	30.1	100.0	73
BARBITURATE SEDATIVES	32.9	47.8	19.3	100.0	368
Phenobarbital	40.4	38.3	21.3	100.0	141
Secobarbital/Amobarbital .....	...	...	...	...	-
Secobarbital	26.7	64.4	8.9	100.0	45
Pentobarbital	14.3	74.3	11.4	100.0	35
Other/unspecified	32.0	45.6	22.4	100.0	147
AMPHETAMINES	63.4	18.7	17.9	100.0	850
Amphetamine	62.2	20.2	17.6	100.0	357
Methamphetamine/Speed	64.2	17.7	18.1	100.0	492
Other/unspecified .....	...	...	...	...	1
HALLUCINOGENS	67.9	12.2	19.9	100.0	156
PCP/PCP combinations	67.8	11.8	20.4	100.0	152
LSD .....	...	...	...	...	4
Other/unspecified .....	...	...	...	...	-
OTHER DRUGS .....	...	...	...	...	-
Alcohol-in-combination	62.3	18.4	19.3	100.0	3,145
Cocaine	66.2	10.5	23.3	100.0	3,981
Marijuana/Hashish	51.8	24.8	23.4	100.0	589
Codeine combinations .....	...	...	...	...	-
Diphenylhydantoin sodium	38.1	25.0	36.9	100.0	84
Diphenhydramine	33.5	37.3	29.2	100.0	319
O.T.C. diet aids .....	...	...	...	...	-
Inhalants/Solvents/Aerosols	36.9	42.6	20.5	100.0	122
Methylphenidate .....	...	...	...	...	4
All other drugs	31.3	28.0	40.7	100.0	1,577
DRUG UNKNOWN	63.6	18.2	18.2	100.0	11
TOTAL DRUG MENTIONS	56.3	19.6	24.1	100.0	20,165

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 2.16 - Percent distribution of drug mentions by route of administration according to drug group: 1994

Drug groups: therapeutic class by drug category	Route of drug administration								Number of mentions
	Oral	Injection	Inhaled	Smoked ²	Sniffed	Other/ multiple	Unknown	TOTAL	
TRANQUILIZERS	35.8	0.4	0.1	-	-	2.1	61.6	100.0	1,151
Diazepam	34.6	.8	.2	-	-	2.3	62.1	100.0	610
Alprazolam	35.8	-	-	-	-	-	64.2	100.0	123
Chlordiazepoxide	45.2	-	-	-	-	-	54.8	100.0	84
Clorazepate .....	...	...	...	0...	0...	...	...	100.0	-
Lorazepam	66.7	-	-	-	-	6.7	26.7	100.0	15
Meprobamate	48.6	-	-	-	-	5.6	45.8	100.0	72
Other/unspecified	30.0	-	-	-	-	2.0	68.0	100.0	247
NARCOTIC ANALGESICS	8.1	18.5	*	.4	.6	2.6	69.7	100.0	5,658
Heroin/Morphine ³	1.8	24.8	.1	.5	1.0	3.2	68.6	100.0	3,522
d-Propoxyphene	41.6	.6	-	-	-	1.7	56.1	100.0	351
Methadone	18.8	6.3	-	.3	-	.3	74.4	100.0	367
Oxycodone	36.8	-	-	-	2.6	-	60.5	100.0	38
Codeine	8.1	12.4	-	.2	-	2.1	77.3	100.0	1,170
Meperidine HCl	36.1	2.8	-	-	-	2.8	58.3	100.0	36
Hydromorphone	31.6	-	-	-	-	5.3	63.2	100.0	19
Other/unspecified	34.2	3.2	-	-	-	1.9	60.6	100.0	155
NON-NARCOTIC ANALGESICS	42.8	.2	-	-	-	-	57.0	100.0	451
Aspirin	42.5	-	-	-	-	-	57.5	100.0	80
Acetaminophen	43.7	.3	-	-	-	-	56.0	100.0	309
Pentazocine .....	...	...	...	...	...	...	...	100.0	-
Butalbital combinations .....	...	...	...	...	...	...	...	100.0	-
Other/unspecified	38.7	-	-	-	-	-	61.3	100.0	62
NON-BARBITURATE SEDATIVES	36.4	-	.8	-	-	3.0	59.8	100.0	132
Methaqualone .....	...	...	...	...	...	...	...	100.0	4
Flurazepam	37.0	-	-	-	-	-	63.0	100.0	46
O.T.C. sleep aids .....	...	...	...	...	...	...	...	100.0	7
Ethchlorvynol	28.6	-	-	-	-	-	71.4	100.0	13
Glutethimide	15.4	-	-	-	-	-	84.6	100.0	2
Chloral hydrate .....	...	...	...	...	...	...	...	100.0	60
Other/unspecified	43.3	-	1.7	-	-	6.7	48.3	100.0	-
ANTIDEPRESSANTS	44.1	.4	-	-	-	2.0	53.5	100.0	1,366
Amitriptyline	46.3	-	-	-	-	.5	53.2	100.0	389
Amitriptyline combinations .....	...	...	...	...	...	...	...	100.0	-
Doxepin	44.3	-	-	-	-	6.0	49.7	100.0	167
Fluoxetine	40.9	1.5	-	-	-	-	57.7	100.0	137
Imipramine	57.7	1.0	-	-	-	1.0	40.4	100.0	104
Desipramine	52.0	.8	-	-	-	3.2	44.0	100.0	125
Other/unspecified	37.6	.2	-	-	-	2.5	59.7	100.0	444
ANTIPSYCHOTICS	42.7	-	-	-	-	2.1	55.2	100.0	192
Chlorpromazine	42.3	-	-	-	-	-	57.7	100.0	26
Thioridazine	41.5	-	-	-	-	-	58.5	100.0	65
Haloperidol	61.9	-	-	-	-	-	38.1	100.0	21
Trifluoperazine	14.3	-	-	-	-	-	85.7	100.0	7
Other/unspecified	41.1	-	-	-	-	5.5	53.4	100.0	73
BARBITURATE SEDATIVES	35.3	-	-	-	-	.5	64.1	100.0	368
Phenobarbital	24.8	-	-	-	-	.7	74.5	100.0	141
Secobarbital/Amobarbital	-	-	-	-	-	-	-	100.0	-
Secobarbital	46.7	-	-	-	-	-	53.3	100.0	45
Pentobarbital	40.0	-	-	-	-	-	60.0	100.0	35
Other/unspecified	40.8	-	-	-	-	.7	58.5	100.0	147
AMPHETAMINES	2.7	6.6	-	.1	.5	1.1	89.1	100.0	850
Amphetamine	2.8	3.4	-	-	.6	2.2	91.0	100.0	357
Methamphetamine/Speed	2.6	8.9	-	.2	.4	.2	87.6	100.0	492
Other/unspecified .....	...	...	...	...	...	...	...	100.0	1
HALLUCINOGENS .....	.6	-	1.3	1.3	-	-	96.8	100.0	156
PCP/PCP combinations .....	.7	-	1.3	1.3	-	-	96.7	100.0	152
LSD .....	...	...	...	...	...	...	...	100.0	4
Other/unspecified	-	-	-	-	-	-	-	100.0	-
OTHER DRUGS	100.0	-	-	-	-	-	-	100.0	3,145
Alcohol-in-combination .....	...	...	...	...	...	...	...	100.0	-
Cocaine .....	.6	7.9	1.1	2.5	3.4	9.6	75.0	100.0	3,981
Marijuana/Hashish .....	.7	-	1.2	18.5	.5	.5	78.6	100.0	589
Codeine combinations .....	...	...	...	...	...	...	...	100.0	-
Diphenylhydantoin sodium	14.3	1.2	-	-	-	1.2	83.3	100.0	84
Diphenhydramine	24.1	-	-	.3	.3	.3	74.9	100.0	319
O.T.C. diet aids	-	-	-	-	-	-	-	100.0	-
Inhalants/Solvents/Aerosols ..	5.7	-	42.6	-	1.6	2.5	47.5	100.0	122
Methylphenidate	22.2	2.2	.3	.4	.3	.5	74.0	100.0	4
All other drugs	-	-	-	-	-	-	-	100.0	1,577
DRUG UNKNOWN ¹	-	-	-	-	-	18.2	81.8	100.0	11
TOTAL DRUG MENTIONS	27.6	7.3	.6	1.2	.9	3.1	59.3	100.0	20,156

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes freebase.

³ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 2.17 - Percent distribution of drug mentions by number of other drugs used in combination according to drug group: 1994

Drug groups: therapeutic class by drug category	Number of other drugs used in episode					Number of mentions
	None	One	Two	Three or more	TOTAL	
TRANQUILIZERS	3.3	16.3	26.5	53.9	100.0	1,151
Diazepam	2.5	14.4	28.9	54.3	100.0	610
Alprazolam .....	.8	19.5	20.3	59.3	100.0	123
Chlordiazepoxide	1.2	13.1	22.6	63.1	100.0	84
Clorazepate .....	..	..	..	..	..	-
Lorazepam .....	..	33.3	26.7	40.0	100.0	15
Meprobamate .....	..	11.1	15.3	73.6	100.0	72
Other/unspecified	8.5	21.1	28.3	42.1	100.0	247
NARCOTIC ANALGESICS	7.8	29.0	32.7	30.4	100.0	5,658
Heroin/Morphine ²	10.3	33.8	32.5	23.3	100.0	3,522
d-Propoxyphene	7.7	22.2	24.8	45.3	100.0	351
Methadone	9.0	31.9	27.8	31.3	100.0	367
Oxycodone	2.6	13.2	18.4	65.8	100.0	38
Codeine .....	.9	18.2	39.3	41.6	100.0	1,170
Meperidine HCl	8.3	25.0	27.8	38.9	100.0	36
Hydromorphone	5.3	15.8	15.8	63.2	100.0	19
Other/unspecified	3.9	16.1	23.9	56.1	100.0	155
NON-NARCOTIC ANALGESICS	11.3	18.6	20.0	50.1	100.0	451
Aspirin	17.5	26.2	18.8	37.5	100.0	80
Acetaminophen	9.7	15.2	18.4	56.6	100.0	309
Pentazocine .....	..	..	..	..	..	-
Butalbital combinations .....	..	..	..	..	..	-
Other/unspecified	11.3	25.8	29.0	33.9	100.0	62
NON-BARBITURATE SEDATIVES	4.5	9.8	25.0	60.6	100.0	132
Methaqualone .....	..	..	..	..	..	4
Flurazepam	2.2	10.9	17.4	69.6	100.0	46
O.T.C. sleep aids .....	..	..	..	..	..	-
Ethchlorvynol .....	..	..	42.9	57.1	100.0	7
Glutethimide	-	7.7	30.8	61.5	100.0	13
Chloral hydrate .....	..	..	..	..	..	2
Other/unspecified	5.0	6.7	28.3	58.3	100.0	60
ANTIDEPRESSANTS	6.1	19.3	23.9	50.7	100.0	1,366
Amitriptyline	4.6	16.2	25.4	53.7	100.0	389
Amitriptyline combinations .....	..	..	..	..	..	-
Doxepin	13.8	26.9	19.2	40.1	100.0	167
Fluoxetine .....	.7	12.4	22.6	64.2	100.0	137
Imipramine	8.7	27.9	23.1	40.4	100.0	104
Desipramine	8.0	32.8	20.8	38.4	100.0	125
Other/unspecified	5.0	15.5	25.7	53.8	100.0	444
ANTIPSYCHOTICS	2.6	19.8	27.1	50.5	100.0	192
Chlorpromazine	3.8	11.5	23.1	61.5	100.0	26
Thioridazine	3.1	21.5	26.2	59.2	100.0	65
Haloperidol	4.8	28.6	19.0	47.6	100.0	21
Trifluoperazine	-	14.3	57.1	28.6	100.0	7
Other/unspecified	1.4	19.2	28.8	50.7	100.0	73
BARBITURATE SEDATIVES	9.0	24.7	21.2	45.1	100.0	368
Phenobarbital	5.7	18.4	24.1	51.8	100.0	141
Secobarbital/Amobarbital	-	-	-	-	-	-
Secobarbital	15.6	26.7	20.0	37.8	100.0	45
Pentobarbital	22.9	28.6	20.0	28.6	100.0	35
Other/unspecified	6.8	29.3	19.0	44.9	100.0	147
AMPHETAMINES	7.4	45.5	26.8	20.2	100.0	850
Amphetamine	3.4	49.3	29.4	17.9	100.0	357
Methamphetamine/Speed	10.4	42.9	25.0	21.7	100.0	492
Other/unspecified .....	..	..	..	..	..	1
HALLUCINOGENS	22.4	27.6	23.1	26.9	100.0	156
PCP/PCP combinations	23.0	27.0	23.0	27.0	100.0	152
LSD .....	..	..	..	..	..	4
Other/unspecified	-	-	-	-	-	-
OTHER DRUGS	-	47.2	31.6	21.2	100.0	3,145
Alcohol-in-combination	-	33.1	23.7	17.9	100.0	3,981
Cocaine	25.3	38.7	21.9	12.6	100.0	589
Marijuana/Hashish	26.8	38.1	21.9	12.6	100.0	589
Codeine combinations .....	..	..	..	..	..	-
Diphenylhydantoin sodium	7.1	25.0	28.6	39.3	100.0	84
Diphenhydramine	6.6	17.2	27.3	48.9	100.0	319
O.T.C. diet aids	-	-	-	-	-	-
Inhalants/Solvents/Aerosols	27.0	28.7	24.6	19.7	100.0	122
Methylphenidate	6.5	17.0	23.1	53.3	100.0	4
All other drugs	-	45.5	9.1	45.5	100.0	1,577
DRUG UNKNOWN	-	-	-	-	-	11
TOTAL DRUG MENTIONS	10.3	30.6	27.7	31.4	100.0	20,156

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA 1

Table 2.18 - Mentions of top 15 drugs reported in combination: 1994
(Based on episodes involving two or more drugs)

	Cocaine	Heroin/morphine ²	Alcohol-in-combination	Codeine	Diazepam	Marijuana/hashish	Methamphetamine/speed	Amitriptyline	Methadone	Amphetamine	D-propoxyphene	Nortriptyline	Diphenhydramine	Acetaminophen
Heroin/morphine ²	1,666													
Alcohol-in-combination	1,471	1,507												
Codeine	485	1,000	462											
Diazepam	193	250	191	105										
Marijuana/hashish	163	90	211	9	46									
Methamphetamine/speed	91	98	128	40	26	9								
Amitriptyline	75	70	110	40	46	10	10							
Methadone	155	143	88	31	48	16	4	32						
Amphetamine	50	56	80	20	9	7	305	6	2					
D-propoxyphene	59	64	99	33	76	9	7	28	21	4				
Nortriptyline	63	57	87	30	33	9	7	261	25	5	16			
Diphenhydramine	83	104	75	39	42	18	5	30	11	2	22	22		
Acetaminophen	55	80	74	60	34	15	3	23	8	2	70	18	39	
Unspec. benzodiazepine	54	57	69	16	29	22	3	10	11	3	11	11	6	10

¹ Excludes cases in which AIDS was reported.

² Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 2.19 - Two-way drug combinations mentioned most frequently in drug abuse deaths: 1994
(Based on episodes involving two or more drugs)

Frequency	Drug combination	Drug involvement key					
		Cocaine	Heroin/ morphine	Codeine	Diazepam	d-Propoxy- phene	Amitrip- tyline
1,666	Cocaine - Heroin/morphine	x	x				
1,507	Alc.-in-comb. - Heroin/morphine		x				
1,471	Alc.-in-comb. - Cocaine	x					
1,000	Codeine - Heroin/morphine		x	x			
485	Cocaine - Codeine	x		x			
462	Alc.-in-comb. - Codeine			x			
305	Amphetamine - Methamphet./speed						
261	Amitriptyline - Nortriptyline						x
250	Diazepam - Heroin/morphine		x		x		
247	Heroin/morphine - Quinine		x				
211	Alc.-in-comb. - Marijuana/hashish						
193	Cocaine - Diazepam	x			x		
191	Alc.-in-comb. - Diazepam				x		
169	Cocaine - Quinine	x					
163	Cocaine - Marijuana/hashish	x					
155	Cocaine - Methadone	x					
143	Heroin/morphine - Methadone		x				
128	Alc.-in-comb. - Methamphet./speed						
110	Alc.-in-comb. - Amitriptyline						x
105	Codeine - Diazepam			x	x		
104	Diphenhydramine - Heroin/morphine		x				
102	Alc.-in-comb. - Quinine						
99	Alc.-in-comb. - d-Propoxyphene					x	
98	Heroin/morphine - Methamphet./speed		x				
93	Cocaine - Lidocaine	x					
91	Cocaine - Methamphet./speed	x					
90	Heroin/morphine - Marijuana/hashish		x				
88	Alc.-in-comb. - Methadone						
87	Alc.-in-comb. - Nortriptyline						
83	Cocaine - Diphenhydramine	x					
80	Acetaminophen - Heroin/morphine		x				
80	Alc.-in-comb. - Amphetamine						
76	Heroin/morphine - Lidocaine		x				
76	d-Propoxyphene - Diazepam				x	x	
75	Amitriptyline - Cocaine	x					x
75	Alc.-in-comb. - Diphenhydramine						
74	Acetaminophen - Alc.-in-comb.						
70	Acetaminophen - d-Propoxyphene					x	
70	Amitriptyline - Heroin/morphine		x				x
69	Desipramine - Imipramine						
69	Alc.-in-comb. - Unspec Benzodiazepine						
64	d-Propoxyphene - Heroin/morphine		x			x	
63	Cocaine - Nortriptyline	x					
60	Acetaminophen - Codeine			x			
59	Cocaine - d-Propoxyphene	x				x	
59	Alc.-in-comb. - PCP/PCP Combinations						
59	Alc.-in-comb. - Doxepin						
57	Heroin/morphine - Nortriptyline		x				
57	Heroin/morphine - Unspec Benzodiazepine		x				
56	Amphetamine - Heroin/morphine		x				
55	Cocaine - PCP/PCP Combinations	x					
55	Acetaminophen - Cocaine	x					
54	Cocaine - Unspec Benzodiazepine	x					
52	Heroin/morphine - PCP/PCP Combinations		x				
50	Amphetamine - Cocaine	x					
48	Diazepam - Methadone				x		
46	Diazepam - Marijuana/hashish				x		
46	Amitriptyline - Diazepam				x		x
45	Alc.-in-comb. - Lidocaine						
43	Codeine - Quinine			x			
42	Diazepam - Diphenhydramine				x		
42	Alc.-in-comb. - Phenobarbital						
40	Codeine - Methamphet./speed			x			
40	Amitriptyline - Codeine			x			x
40	Alc.-in-comb. - Chlordiazepoxide						
39	Acetaminophen - Diphenhydramine			x			
39	Codeine - Diphenhydramine						
38	Carisoprodol - Meprobamate						
37	Cocaine - Phenobarbital	x					

See footnotes at end of table.

MEDICAL EXAMINER DATA

Table 2.19 - Two-way drug combinations mentioned most frequently in drug abuse deaths: 1994
(Based on episodes involving two or more drugs)

Frequency	Drug combination	Drug involvement key					
		Cocaine	Heroin/ morphine	Codeine	Diazepam	d-Propoxy- phene	Amitrip- tyline
37	Heroin/morphine - Phenobarbital		x				
36	Alprazolam - Heroin/morphine		x				
35	Cocaine - Doxepin	x					
34	Doxepin - Heroin/morphine		x				
34	Acetaminophen - Diazepam				x		
34	Mesoridazine - Thioridazine						
34	Alc.-in-comb. - Hydrocodone						
33	Chlordiazepoxide - Diazepam				x		
33	Diazepam - Nortriptyline				x		
33	Codeine - d-Propoxyphene			x		x	
32	Amitriptyline - Methadone						x
32	Alc.-in-comb. - Fluoxetine						
31	Cocaine - Dextromethorphan	x					
31	Codeine - Methadone			x			
31	Alc.-in-comb. - Alprazolam						
30	Amitriptyline - Diphenhydramine						x
30	Codeine - Nortriptyline			x			
29	Diazepam - Hydrocodone				x		
29	Diazepam - Unspec Benzodiazepine				x		
29	Alc.-in-comb. - Desipramine						
28	Amitriptyline - d-Propoxyphene					x	x
28	Heroin/morphine - Hydrocodone		x				
27	Fluoxetine - Heroin/morphine		x				
26	Hydantoin - Phenobarbital						
26	Diazepam - Methamphet./speed				x		
26	Alprazolam - d-Propoxyphene					x	
25	Methadone - Nortriptyline						
25	Codeine - Doxepin			x			
24	Acetaminophen - Hydrocodone						
24	Diazepam - Fluoxetine				x		
23	Chlordiazepoxide - Heroin/morphine		x				
23	Dextromethorphan - Heroin/morphine		x				
23	Diazepam - Doxepin				x		
23	Acetaminophen - Amitriptyline						x
23	Codeine - Phenobarbital			x			
23	Diazepam - Temazepam				x		
23	Alprazolam - Diazepam				x		
22	Chlorpheniramine - Cocaine	x					
22	d-Propoxyphene - Diphenhydramine					x	
22	Diphenhydramine - Nortriptyline						
22	Butalbital - Codeine			x			
22	Marijuana/hashish - Unspec Benzodiazepine						
22	Lidocaine - Quinine						
22	Alc.-in-comb. - Imipramine						
21	d-Propoxyphene - Methadone					x	
21	Dextromethorphan - Doxylamine Succinate						
21	Alprazolam - Cocaine	x					
21	Alprazolam - Codeine			x			
20	Heroin/morphine - Meprobamate		x				
20	Chlordiazepoxide - Cocaine	x					
20	Butalbital - Heroin/morphine		x				
20	Cocaine - Hydantoin	x					
20	Carisoprodol - d-Propoxyphene					x	
20	Amphetamine - Codeine			x			
20	Codeine - Meprobamate			x			

NOTE: Drug abuse episodes involving more than two mentions contribute multiple pairs to the data in this table. Three-drug episodes generate three paired entries; four-drug episodes, six entries. For example, an episode in which cocaine, heroin and alcohol are mentioned results in three entries: alcohol-cocaine, alcohol-heroin and cocaine-heroin. Within pairs, drugs are listed alphabetically.

Mentions of heroine/morphine include opiates not specified as to type.

Excludes cases in which AIDS was reported.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

3. DRUG ABUSE DEATHS AND DRUG MENTIONS IN 1994 ACCORDING TO METROPOLITAN AREA

This chapter presents data on drug abuse deaths and drug mentions that occurred in 1994 in the 42 metropolitan areas covered by the Drug Abuse Warning Network (DAWN). Comparisons of DAWN drug abuse deaths across metropolitan areas should be made with caution, since ME cases vary by area and reporting practices are not consistent. Within each area, numbers of deaths and drug mentions are shown according to patient demographic characteristics. There were no drug abuse deaths reported for Jackson, MS; for this reason there is no separate presentation of data from the Jackson area in this chapter.

The metropolitan areas with the greatest numbers of drug abuse deaths in 1994 were New York (1,158), Los Angeles (1,080), Philadelphia (724), Chicago (613), and Baltimore (458).

Cocaine, the drug mentioned most frequently in drug abuse deaths in the overall data, was the top-ranking drug in Anchorage, Atlanta, Birmingham, Chicago, Greenville, Las Vegas, Los Angeles, Miami, New Orleans, New York, Newark, Norfolk, Omaha, Philadelphia, San Antonio, St. Louis, and Washington; it tied for first rank in Indianapolis and Louisville. Cocaine ranked second in Baltimore, Denver, Detroit, Kansas City, Minneapolis, San Francisco, and Seattle. In the overall data, cocaine was reported in 47 percent of ME cases. Among the 42 metropolitan areas, the proportion of drug abuse deaths involving cocaine was 83 percent in Miami, 74 percent in San Antonio, 67 percent in Birmingham, 65 percent in Newark, and 64 percent in Baltimore.

Heroin/morphine, the second-ranked drug in ME cases in 1994, was the top-ranking drug in Baltimore, Boston, Portland, Providence, San Diego, San Francisco, and Seattle. Heroin/morphine ranked second in Chicago, Cleveland, Los Angeles, Nashua, New York, Newark, Philadelphia, Phoenix, Salt Lake City, San Antonio, and Washington. Overall, heroin/morphine was reported in 42 percent of ME cases in 1994. Heroin/morphine was reported in 74 percent of drug abuse deaths in Baltimore, 59 percent in Newark, 56 percent in Philadelphia, 55 percent in Seattle, 54 percent in Portland, and 53 percent in Boston.

Alcohol-in-combination was mentioned in 37 percent of ME cases overall in 1994 and was the third-ranked drug. It ranked first in Cleveland, Dallas, Denver, Detroit, Kansas City, Milwaukee, Minneapolis, Nashua, Phoenix, and Salt Lake City; it tied for first in Boise, Indianapolis, and Omaha. Alcohol-in-combination ranked second in Atlanta, Birmingham, Boston, Greenville, Miami, New Orleans, Norfolk, Portland, Providence, San Diego, and St. Louis.

Codeine was the fourth-ranked drug overall and was mentioned in connection with 14 percent of ME cases in 1994. Among the 42 metropolitan areas from which DAWN collects ME data, codeine was reported in 37 percent of drug abuse deaths in Boston, 35 percent in San Diego, and 28 percent in Chicago.

MEDICAL EXAMINER DATA ¹

Table 3.01 - Number of medical examiner drug mentions by selected drug category according to age, race/ethnicity, and sex: 1994

TOTAL DAWN SYSTEM ¹

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Acetaminophen	309	2	2	41	40	107	113	113	124	28	21	11	11
Alcohol-in-comb.	3,145	15	1	976	184	1,612	338	1,481	337	687	142	441	45
Alprazolam	123	1	-	20	12	48	42	60	49	6	5	3	-
Amitriptyline	389	3	2	57	37	145	142	159	124	29	38	18	19
Amitriptyline comb.	-	-	-	-	-	-	-	-	-	-	-	-	-
Amphetamine	357	9	2	135	27	132	48	214	68	22	6	42	4
Aspirin	80	2	2	11	4	32	29	36	30	5	1	4	4
Butalbital combinations	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloral hydrate	2	-	-	1	-	-	1	1	1	-	-	-	-
Chlordiazepoxide	84	1	-	10	2	45	25	45	20	4	4	7	3
Chlorpromazine	26	-	-	6	2	10	8	11	6	3	1	2	3
Clorazepate	-	-	-	-	-	-	-	-	-	-	-	-	-
Cocaine	3,981	11	2	1,197	317	1,961	454	1,325	284	1,353	436	514	58
Codeine	1,170	2	3	276	80	635	168	533	159	252	78	131	15
Codeine combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	351	1	1	70	24	135	116	171	125	23	10	12	6
Desipramine	125	4	3	22	17	39	40	58	50	4	6	3	4
Diazepam	610	2	2	149	51	278	123	348	153	53	18	29	5
Diphenhydramine	319	4	-	60	38	106	109	117	107	36	31	17	9
Diphenylhydantoin sodium	84	-	1	23	9	27	22	27	24	14	5	10	4
Doxepin	167	-	1	36	8	72	50	77	50	21	8	10	1
Ethchlorvynol	7	-	-	1	2	4	-	5	2	-	-	-	-
Fluoxetine	137	1	-	14	17	39	65	49	76	2	2	3	5
Flurazepam	46	-	-	1	2	16	26	15	20	1	3	1	5
Glutethimide	13	-	-	5	1	6	1	5	2	6	-	-	-
Haloperidol	21	-	-	1	4	7	9	5	8	3	4	-	1
Heroin/Morphine ⁴	3,522	11	3	969	212	1,912	380	1,562	360	838	190	510	51
Hydromorphone	19	-	-	4	1	12	2	15	3	-	-	1	-
Imipramine	104	5	3	16	16	27	37	38	45	4	9	6	2
Inhalants/Solv./Aerosols	122	2	1	30	7	71	10	76	16	13	1	15	1
Lorazepam	15	1	-	1	3	4	6	5	9	-	-	1	-
LSD	4	-	-	3	-	1	-	4	-	-	-	-	-
Marijuana/Hashish	589	25	3	280	38	209	27	309	44	134	21	72	3
Meperidine HCl	36	-	-	4	9	12	11	9	14	6	3	1	3
Meprobamate	72	-	-	12	4	35	19	41	19	2	2	4	2
Methadone	367	2	-	61	29	204	70	149	52	72	40	47	7
Methamphetamine/Speed ..	492	8	1	198	38	186	57	306	87	22	4	66	6
Methaqualone	4	-	-	1	1	1	1	2	2	-	-	-	-
Methylphenidate	4	-	1	-	1	1	1	1	3	-	-	-	-
O.T.C. diet aids	-	-	-	-	-	-	-	-	-	-	-	-	-
O.T.C. sleep aids	-	-	-	-	-	-	-	-	-	-	-	-	-
Oxycodone	38	-	-	11	3	12	12	21	14	1	1	1	-
PCP/PCP combinations ...	152	4	-	87	10	44	5	59	7	57	8	20	1
Pentazocine	-	-	-	-	-	-	-	-	-	-	-	-	-
Pentobarbital	35	-	-	6	-	19	9	21	8	4	1	-	-
Phenobarbital	141	1	1	27	14	55	42	54	46	17	9	12	2
Secobarbital	45	-	-	7	2	20	16	24	16	2	1	1	1
Secobarbital/Amobarbital	-	-	-	-	-	-	-	-	-	-	-	-	-
Thioridazine	65	1	-	1	6	28	28	22	20	3	12	4	2
Trifluoperazine	7	-	-	1	-	1	4	2	3	-	-	-	1
All other drugs	2,766	13	9	495	244	1,119	862	1,061	854	467	186	114	78
Drug unknown ¹	11	-	-	4	1	4	2	5	-	3	3	-	-
Total drug mentions	20,156	131	44	5,330	1,517	9,433	3,530	8,641	3,441	4,198	1,310	2,133	362
Total drug abuse deaths	8,426	72	25	2,313	638	3,947	1,362	3,513	1,282	1,895	593	956	160

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1994

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
ANCHORAGE, AK													
Alcohol-in-comb.	4	-	-	1	2	1	-	2	1	-	-	-	1
Amitriptyline	1	-	-	-	-	-	-	-	-	-	-	-	-
Cocaine	9	-	-	5	1	2	1	6	1	1	-	-	1
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	2	-	-	-	-	1	1	1	1	-	-	-	-
Diazepam	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine ⁴	2	-	-	1	-	-	1	1	1	-	-	-	-
Marijuana/Hashish	5	-	-	3	1	-	-	3	1	-	-	-	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	6	-	-	2	1	1	2	2	3	-	-	1	-
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	29	-	-	12	5	5	5	15	8	1	-	1	2
Total drug abuse deaths	17	-	-	7	2	4	2	9	3	1	-	1	1
ATLANTA, GA													
Alcohol-in-comb.	81	1	-	22	3	45	9	37	2	29	9	2	1
Amitriptyline	4	-	-	-	-	2	2	2	1	-	1	-	-
Cocaine	108	-	-	21	8	56	23	20	5	54	25	3	1
Codeine	18	-	-	4	-	10	4	3	2	10	2	1	-
d-Propoxyphene	2	-	-	1	-	1	-	2	-	-	-	-	-
Diazepam	5	-	-	-	-	4	1	4	1	-	-	-	-
Diphenhydramine	2	-	-	-	-	1	1	1	1	-	-	-	-
Heroin/Morphine ⁴	35	-	-	8	-	19	8	9	4	17	4	1	-
Marijuana/Hashish	34	2	-	17	2	12	-	22	2	8	-	1	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	2	-	-	1	-	1	-	2	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	78	-	1	10	2	46	19	23	11	32	10	1	1
Drug unknown	4	-	-	2	-	1	1	1	-	2	1	-	-
Total drug mentions	373	3	1	86	15	198	68	126	29	152	52	9	3
Total drug abuse deaths	188	2	1	46	11	90	37	59	17	76	30	3	2
BALTIMORE, MD													
Alcohol-in-comb.	184	-	-	62	9	98	13	65	5	95	17	2	-
Amitriptyline	20	-	-	6	1	7	5	9	3	5	3	-	-
Cocaine	293	-	-	87	22	150	21	87	12	157	34	3	-
Codeine	49	-	-	18	5	22	3	16	2	25	6	-	-
d-Propoxyphene	6	-	-	2	-	3	1	-	1	5	-	-	-
Diazepam	11	-	-	2	2	5	2	3	3	3	1	1	-
Diphenhydramine	31	-	-	5	6	14	6	10	6	8	6	1	-
Heroin/Morphine ⁴	339	-	-	98	33	168	27	91	20	183	43	1	1
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	18	-	-	3	2	11	2	9	-	5	4	-	-
Methamphetamine/Speed ..	1	-	-	-	-	1	-	1	-	-	-	-	-
PCP/PCP combinations ...	29	-	-	14	1	14	-	24	1	3	-	1	-
All other drugs	494	-	-	121	47	250	58	135	54	245	52	7	1
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	1,475	-	-	418	128	743	138	450	107	734	166	16	2
Total drug abuse deaths	458	-	-	135	38	227	44	140	30	226	55	6	1

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1994

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
BIRMINGHAM, AL													
Alcohol-in-comb.	17	-	-	6	-	9	2	8	2	7	-	-	-
Amitriptyline	5	-	-	-	-	2	3	2	2	-	1	-	-
Cocaine	32	-	-	12	1	16	3	11	1	17	3	-	-
Codeine	2	-	-	-	-	1	1	-	1	1	-	-	-
d-Propoxyphene	2	-	-	1	-	-	1	1	1	-	-	-	-
Diazepam	5	-	-	1	-	3	1	3	1	1	-	-	-
Diphenhydramine	2	-	-	-	-	1	1	1	-	-	1	-	-
Heroin/Morphine ⁴	2	-	-	-	1	1	-	1	-	-	1	-	-
Marijuana/Hashish	1	-	-	1	-	-	-	1	-	-	-	-	-
Methadone	2	-	-	1	-	1	-	2	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	44	-	-	9	8	7	20	11	23	5	5	-	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	114	-	-	31	10	41	32	41	31	31	11	-	-
Total drug abuse deaths	48	-	-	14	3	20	11	17	10	17	4	-	-
BOISE, ID													
Alcohol-in-comb.	4	-	-	-	-	3	1	3	1	-	-	-	-
Amitriptyline	1	-	-	-	-	1	-	1	-	-	-	-	-
Cocaine	2	-	-	2	-	-	-	1	-	-	-	1	-
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	-	-	-	-	-	-	-	-	-	-	-	-	-
Diazepam	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine ⁴	2	-	-	-	-	-	2	-	2	-	-	-	-
Marijuana/Hashish	4	-	-	2	-	1	1	3	1	-	-	-	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	1	-	-	-	1	-	-	-	1	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	19	-	-	5	3	1	10	4	13	-	-	2	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	33	-	-	9	4	6	14	12	18	-	-	3	-
Total drug abuse deaths	17	-	-	6	2	3	6	7	8	-	-	2	-
BOSTON, MA													
Alcohol-in-comb.	136	-	-	42	8	65	19	93	25	10	2	5	-
Amitriptyline	14	-	-	-	1	6	6	6	7	-	-	-	-
Cocaine	127	-	-	48	9	58	11	84	15	12	5	11	-
Codeine	114	-	-	28	9	67	10	83	18	3	1	9	-
d-Propoxyphene	16	-	-	1	1	4	10	5	11	-	-	-	-
Diazepam	18	-	-	2	2	9	5	11	7	-	-	-	-
Diphenhydramine	10	1	-	2	1	1	5	4	6	-	-	-	-
Heroin/Morphine ⁴	162	-	-	44	12	94	11	120	22	7	1	11	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	12	-	-	2	1	7	2	8	3	-	-	1	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	144	5	2	21	18	36	62	59	77	1	5	2	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	753	6	2	190	62	347	141	473	191	33	14	39	-
Total drug abuse deaths	307	2	1	84	24	142	52	198	71	16	6	15	-

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1994

Drug category	TOTAL ²	Age						Race/ethnicity							
		6-17 years		18-34 years		35 and older		White		Black		Other ³			
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female		
		BUFFALO, NY													
Alcohol-in-comb.	1	-	-	-	-	-	1	-	1	-	-	-	-		
Amitriptyline	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cocaine	-	-	-	-	-	-	-	-	-	-	-	-	-		
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-		
d-Propoxyphene	1	-	-	-	-	-	1	-	1	-	-	-	-		
Diazepam	-	-	-	-	-	-	-	-	-	-	-	-	-		
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-		
Heroin/Morphine ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-		
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-		
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-		
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-		
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-		
All other drugs	5	-	-	2	-	-	3	2	3	-	-	-	-		
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-		
Total drug mentions	7	-	-	2	-	-	5	2	5	-	-	-	-		
Total drug abuse deaths	3	-	-	1	-	-	2	1	2	-	-	-	-		
		CASPER, WY													
Alcohol-in-comb.	-	-	-	-	-	-	-	-	-	-	-	-	-		
Amitriptyline	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cocaine	1	-	-	-	-	-	1	-	-	-	-	-	1		
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-		
d-Propoxyphene	-	-	-	-	-	-	-	-	-	-	-	-	-		
Diazepam	-	-	-	-	-	-	-	-	-	-	-	-	-		
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-		
Heroin/Morphine ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-		
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-		
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-		
Methamphetamine/Speed ..	1	-	-	-	-	1	-	1	-	-	-	-	-		
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-		
All other drugs	4	-	-	-	1	1	2	1	3	-	-	-	-		
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-		
Total drug mentions	6	-	-	-	1	2	3	2	3	-	-	-	1		
Total drug abuse deaths	4	-	-	-	1	1	2	1	2	-	-	-	1		
		CHICAGO, IL													
Alcohol-in-comb.	253	-	-	100	18	113	21	93	16	103	21	17	2		
Amitriptyline	10	-	-	1	-	3	6	2	4	2	2	-	-		
Cocaine	352	-	-	111	36	150	53	86	19	159	66	17	4		
Codeine	174	1	-	48	17	84	24	51	14	70	27	12	-		
d-Propoxyphene	17	1	-	5	2	4	5	9	6	-	1	1	-		
Diazepam	6	-	-	2	-	3	1	4	1	-	-	1	-		
Diphenhydramine	6	-	-	2	1	-	3	2	3	-	1	-	-		
Heroin/Morphine ⁴	294	1	-	94	26	140	33	98	19	116	40	21	-		
Marijuana/Hashish	7	1	-	3	-	2	1	5	1	-	-	1	-		
Methadone	8	1	-	3	-	2	2	4	1	2	1	-	-		
Methamphetamine/Speed ..	2	-	-	1	-	1	-	1	-	1	-	-	-		
PCP/PCP combinations ...	10	-	-	7	2	-	1	3	1	2	2	2	-		
All other drugs	159	1	1	27	19	45	66	59	79	12	4	2	3		
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-		
Total drug mentions	1,298	6	1	404	121	547	216	417	164	467	165	74	9		
Total drug abuse deaths	613	3	1	193	55	262	97	198	70	225	78	36	5		

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1994

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
CLEVELAND, OH													
Alcohol-in-comb.	49	-	-	8	2	26	13	26	10	8	5	-	-
Amitriptyline	10	-	1	-	1	4	4	3	3	1	3	-	-
Cocaine	29	-	-	2	1	19	7	8	3	13	5	-	-
Codeine	7	-	-	-	2	5	-	5	1	-	1	-	-
d-Propoxyphene	19	-	-	2	2	9	5	10	4	1	3	-	-
Diazepam	21	-	-	2	1	12	5	13	5	1	1	-	-
Diphenhydramine	5	-	-	-	1	1	3	1	3	-	1	-	-
Heroin/Morphine ⁴	44	-	-	6	3	22	12	18	10	10	5	-	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	3	-	-	1	-	1	1	2	1	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	75	-	-	11	9	27	28	31	31	7	6	-	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	262	-	1	32	22	126	78	117	71	41	30	-	-
Total drug abuse deaths	111	-	1	13	8	51	37	42	32	22	14	-	-
DALLAS, TX													
Alcohol-in-comb.	145	2	-	53	19	61	9	80	19	13	8	23	1
Amitriptyline	19	-	-	3	1	8	7	10	8	-	-	1	-
Cocaine	106	1	-	39	10	44	12	34	12	31	9	19	1
Codeine	9	-	-	2	1	4	2	6	2	-	1	-	-
d-Propoxyphene	23	-	-	5	2	9	6	11	8	1	-	2	-
Diazepam	62	-	-	19	3	29	11	38	11	6	3	4	-
Diphenhydramine	47	1	-	9	8	14	14	17	15	1	6	6	1
Heroin/Morphine ⁴	46	1	-	13	3	19	10	23	9	3	4	7	-
Marijuana/Hashish	116	4	1	54	10	39	6	58	8	23	8	16	1
Methadone	4	-	-	1	1	1	1	2	1	-	1	-	-
Methamphetamine/Speed ..	9	-	-	3	3	3	-	4	3	-	-	2	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	244	1	-	48	31	82	80	105	101	17	7	9	3
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	830	10	1	249	92	313	158	388	197	95	47	89	7
Total drug abuse deaths	323	5	1	106	33	131	45	152	54	50	21	40	4
DENVER, CO													
Alcohol-in-comb.	30	-	-	4	3	18	2	11	3	2	1	9	1
Amitriptyline	5	-	-	-	-	1	4	1	4	-	-	-	-
Cocaine	28	-	-	4	6	14	2	12	3	2	4	4	1
Codeine	6	-	-	1	-	3	1	3	1	-	-	1	-
d-Propoxyphene	1	-	-	-	-	1	-	1	-	-	-	-	-
Diazepam	8	-	-	-	1	5	1	3	2	-	-	2	-
Diphenhydramine	3	-	-	1	-	1	1	1	1	-	-	1	-
Heroin/Morphine ⁴	22	-	-	4	1	14	2	7	1	1	-	10	2
Marijuana/Hashish	1	-	-	-	1	-	-	-	1	-	-	-	-
Methadone	5	-	-	-	2	2	1	2	3	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	40	-	-	6	4	11	15	11	18	-	-	6	1
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	149	-	-	20	18	70	29	52	37	5	5	33	5
Total drug abuse deaths	64	-	-	8	9	30	13	22	14	2	4	14	4

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1994

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
DETROIT, MI													
Alcohol-in-comb.	128	-	-	43	5	68	12	71	7	38	9	2	1
Amitriptyline	15	-	-	5	1	4	5	8	5	1	1	-	-
Cocaine	121	-	-	29	5	66	21	36	7	59	19	-	-
Codeine	38	-	-	6	5	18	9	14	8	10	6	-	-
d-Propoxyphene	23	-	-	6	-	9	8	14	7	1	1	-	-
Diazepam	38	-	-	7	2	21	8	23	7	5	2	-	-
Diphenhydramine	19	-	-	3	2	11	3	9	3	5	2	-	1
Heroin/Morphine ⁴	109	-	-	21	5	74	9	53	8	42	6	-	-
Marijuana/Hashish	46	2	-	26	1	16	1	36	2	6	-	2	-
Methadone	16	-	-	1	2	10	3	7	2	4	3	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	183	-	-	18	19	75	71	68	64	25	23	-	3
Drug unknown ¹	2	-	-	-	-	1	1	1	-	-	1	-	-
Total drug mentions	738	2	-	165	47	373	151	340	120	196	73	4	5
Total drug abuse deaths	289	2	-	72	17	144	54	136	43	80	27	2	1
FARGO, MN/ND													
Alcohol-in-comb.	-	-	-	-	-	-	-	-	-	-	-	-	-
Amitriptyline	-	-	-	-	-	-	-	-	-	-	-	-	-
Cocaine	-	-	-	-	-	-	-	-	-	-	-	-	-
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	-	-	-	-	-	-	-	-	-	-	-	-	-
Diazepam	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	3	-	-	3	-	-	-	-	-	-	-	3	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	3	-	-	3	-	-	-	-	-	-	-	3	-
Total drug abuse deaths	1	-	-	1	-	-	-	-	-	-	-	1	-
GREENVILLE, SC													
Alcohol-in-comb.	5	-	-	4	-	-	1	4	-	-	1	-	-
Amitriptyline	-	-	-	-	-	-	-	-	-	-	-	-	-
Cocaine	8	-	-	4	-	3	1	4	-	3	1	-	-
Codeine	1	-	-	-	-	1	-	1	-	-	-	-	-
d-Propoxyphene	2	-	-	-	1	-	1	-	2	-	-	-	-
Diazepam	1	-	-	-	-	-	1	-	1	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine ⁴	2	-	-	-	-	2	-	2	-	-	-	-	-
Marijuana/Hashish	3	-	-	2	-	1	-	3	-	-	-	-	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	20	-	1	5	1	4	9	9	8	-	3	-	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	42	-	1	15	2	11	13	23	11	3	5	-	-
Total drug abuse deaths	25	-	1	8	1	8	7	13	6	3	3	-	-

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1994

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
INDIANAPOLIS, IN													
Alcohol-in-comb.	5	-	-	-	-	4	1	2	-	2	1	-	-
Amitriptyline	2	-	-	-	-	-	2	-	2	-	-	-	-
Cocaine	5	-	-	2	-	2	1	-	-	4	1	-	-
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	4	-	-	-	-	2	2	2	-	-	2	-	-
Diazepam	1	-	-	-	-	1	-	1	-	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	11	-	-	1	-	3	7	3	6	1	1	-	-
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	28	-	-	3	-	12	13	8	8	7	5	-	-
Total drug abuse deaths	13	-	-	2	-	6	5	4	3	4	2	-	-
KANSAS CITY, KS/MO													
Alcohol-in-comb.	18	-	-	6	1	10	1	14	2	2	-	-	-
Amitriptyline	1	-	-	-	-	-	1	-	1	-	-	-	-
Cocaine	17	-	-	4	1	9	3	5	1	8	3	-	-
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	1	-	-	-	-	-	1	-	1	-	-	-	-
Diazepam	1	-	-	-	-	-	1	-	1	-	-	-	-
Diphenhydramine ⁴	1	-	-	-	-	1	-	1	-	-	-	-	-
Heroin/Morphine	7	-	-	2	1	2	2	2	2	2	1	-	-
Marijuana/Hashish	3	-	-	-	-	3	-	2	-	1	-	-	-
Methadone	2	-	-	1	-	-	1	1	1	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	3	1	-	1	-	1	-	-	-	3	-	-	-
All other drugs	46	1	-	16	3	16	10	29	13	4	-	-	-
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	100	2	-	30	6	42	20	54	22	20	4	-	-
Total drug abuse deaths	57	2	-	17	2	24	12	29	11	14	3	-	-
LAS VEGAS, NV													
Alcohol-in-comb.	32	-	-	9	2	15	4	13	6	6	1	5	-
Amitriptyline	8	-	-	1	-	5	2	6	2	-	-	-	-
Cocaine	39	-	-	6	5	18	5	12	7	11	3	3	1
Codeine	3	-	-	-	-	1	1	2	1	-	-	-	-
d-Propoxyphene	1	-	-	-	-	1	-	1	-	-	-	-	-
Diazepam	7	-	-	1	2	2	1	3	3	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine ⁴	29	-	-	5	4	14	3	15	7	1	-	5	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	3	-	-	2	1	-	-	1	1	1	-	-	-
Methamphetamine/Speed ..	33	1	-	15	5	9	2	22	6	1	-	3	1
PCP/PCP combinations ...	3	-	-	2	-	-	-	-	-	2	1	-	-
All other drugs	53	-	-	12	5	20	14	31	17	-	-	3	2
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	211	1	-	53	24	85	32	106	50	22	5	19	4
Total drug abuse deaths	104	1	-	28	12	44	12	52	19	13	3	12	3

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

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MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1994

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
LOS ANGELES, CA													
Alcohol-in-comb.	381	2	-	102	19	207	51	132	39	54	14	125	17
Amitriptyline	65	-	1	12	6	15	31	17	16	7	15	3	7
Cocaine	517	-	-	134	53	266	64	140	40	129	59	131	18
Codeine	170	-	-	26	6	104	34	63	22	24	11	43	7
d-Propoxyphene	36	-	-	7	2	14	13	17	12	2	1	2	2
Diazepam	34	-	-	5	-	19	10	17	9	3	1	4	-
Diphenhydramine	37	-	-	8	4	10	15	12	14	1	2	5	3
Heroin/Morphine ⁴	472	2	-	112	20	276	62	164	45	62	17	164	20
Marijuana/Hashish	2	-	-	1	1	-	-	-	-	1	1	-	-
Methadone	23	-	-	5	1	13	4	11	3	6	2	1	-
Methamphetamine/Speed ..	134	4	-	51	3	52	24	72	23	3	-	32	4
PCP/PCP combinations ...	35	1	-	19	1	12	2	-	1	17	1	15	1
All other drugs	664	7	6	141	41	222	247	238	196	41	53	91	45
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	2,570	16	7	623	157	1,210	557	883	420	350	177	616	124
Total drug abuse deaths	1,080	8	3	271	74	534	190	362	144	176	74	275	49
LOUISVILLE, KY													
Alcohol-in-comb.	17	-	-	5	-	10	2	12	2	3	-	-	-
Amitriptyline	6	-	-	1	-	3	2	4	2	-	-	-	-
Cocaine	18	-	-	6	-	9	3	9	2	6	1	-	-
Codeine	2	-	-	1	-	1	-	2	-	-	-	-	-
d-Propoxyphene	4	-	-	-	-	2	2	2	2	-	-	-	-
Diazepam	9	-	-	3	2	3	1	6	3	-	-	-	-
Diphenhydramine	2	-	-	-	-	2	-	2	-	-	-	-	-
Heroin/Morphine ⁴	7	-	-	2	-	3	2	5	2	-	-	-	-
Marijuana/Hashish	18	1	-	4	1	12	-	13	1	4	-	-	-
Methadone	1	-	-	-	-	1	-	1	-	-	-	-	-
Methamphetamine/Speed ..	2	-	-	1	-	1	-	2	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	76	-	-	5	6	29	36	29	42	5	-	-	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	162	1	-	28	9	76	48	87	56	18	1	-	-
Total drug abuse deaths	50	1	-	10	3	25	11	29	13	7	1	-	-
MIAMI, FL													
Alcohol-in-comb.	55	-	-	19	1	30	5	23	3	12	2	14	1
Amitriptyline	7	-	-	-	-	3	4	1	1	-	-	2	3
Cocaine	141	4	-	38	10	71	18	43	11	42	17	28	-
Codeine	18	-	-	4	2	9	3	9	4	3	1	1	-
d-Propoxyphene	4	-	-	1	-	1	2	1	1	-	-	1	1
Diazepam	15	-	-	4	2	7	2	8	2	1	1	2	1
Diphenhydramine	10	-	-	1	-	2	7	1	4	2	2	-	1
Heroin/Morphine ⁴	32	-	-	7	3	19	3	13	5	9	1	4	-
Marijuana/Hashish	4	-	-	3	-	1	-	1	-	1	-	2	-
Methadone	2	-	-	-	-	2	-	-	-	1	-	1	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	153	3	-	15	9	87	39	54	28	29	10	22	10
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	441	7	-	92	27	232	83	154	59	100	34	77	17
Total drug abuse deaths	169	4	-	42	11	84	28	54	19	44	17	32	3

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1994

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
MILWAUKEE, WI													
Alcohol-in-comb.	11	-	-	6	2	2	1	6	2	1	1	1	-
Amitriptyline	-	-	-	-	-	-	-	-	-	-	-	-	-
Cocaine	4	-	-	3	-	1	-	3	-	1	-	-	-
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	2	-	-	-	-	1	1	1	1	-	-	-	-
Diazepam	2	-	-	-	-	-	2	-	1	-	1	-	-
Diphenhydramine	1	-	-	-	-	-	1	-	1	-	-	-	-
Heroin/Morphine ⁴	1	-	-	-	-	1	-	1	-	-	-	-	-
Marijuana/Hashish	10	-	-	7	1	2	-	7	1	1	-	1	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	1	-	-	1	-	-	-	-	-	-	-	1	-
PCP/PCP combinations ...	1	-	-	1	-	-	-	1	-	-	-	-	-
All other drugs	12	-	-	-	1	4	7	4	7	-	1	-	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	45	-	-	18	4	11	12	23	13	3	3	3	-
Total drug abuse deaths	21	-	-	8	2	6	5	11	6	2	1	1	-
MINNEAPOLIS, MN													
Alcohol-in-comb.	23	-	-	12	1	7	3	15	3	1	-	3	1
Amitriptyline	10	-	-	-	1	5	4	3	4	1	-	1	1
Cocaine	12	-	-	7	1	4	-	9	1	1	-	1	-
Codeine	3	-	-	1	1	1	-	1	-	1	-	-	1
d-Propoxyphene	6	-	1	1	1	-	3	1	4	-	1	-	-
Diazepam	2	-	-	-	-	-	2	-	1	-	1	-	-
Diphenhydramine	3	-	-	1	1	1	-	1	-	1	-	-	1
Heroin/Morphine ⁴	7	-	-	1	1	5	-	3	1	1	-	2	-
Marijuana/Hashish	11	-	-	10	1	-	-	9	1	-	-	1	-
Methadone	2	-	-	2	-	-	-	2	-	-	-	-	-
Methamphetamine/Speed ..	3	-	-	1	-	2	-	2	-	-	-	1	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	53	-	-	10	6	16	21	21	21	4	3	1	3
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	135	-	1	46	14	41	33	67	36	10	5	10	7
Total drug abuse deaths	69	-	1	25	7	21	15	37	19	3	1	6	3
NASHUA, NH													
Alcohol-in-comb.	5	-	-	1	-	3	1	3	1	-	-	1	-
Amitriptyline	-	-	-	-	-	-	-	-	-	-	-	-	-
Cocaine	2	-	-	-	-	2	-	2	-	-	-	-	-
Codeine	2	-	-	-	-	1	1	1	1	-	-	-	-
d-Propoxyphene	1	-	-	-	-	-	1	-	1	-	-	-	-
Diazepam	1	-	-	-	-	1	-	1	-	-	-	-	-
Diphenhydramine	1	-	-	-	-	-	1	-	1	-	-	-	-
Heroin/Morphine ⁴	4	-	-	-	-	4	-	3	-	-	-	1	-
Marijuana/Hashish	1	-	-	1	-	-	-	1	-	-	-	-	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	11	-	-	1	-	6	4	7	4	-	-	-	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	28	-	-	3	-	17	8	18	8	-	-	2	-
Total drug abuse deaths	10	-	-	2	-	6	2	7	2	-	-	1	-

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1994

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
NEW ORLEANS, LA													
Alcohol-in-comb.	58	-	-	18	7	28	5	30	10	16	2	-	-
Amitriptyline	3	1	-	-	1	-	1	1	2	-	-	-	-
Cocaine	61	-	-	23	6	26	6	21	5	27	7	-	-
Codeine	1	-	-	-	1	-	-	-	1	-	-	1	-
d-Propoxyphene	8	-	-	-	1	2	4	5	3	-	-	-	-
Diazepam	2	-	-	1	-	1	-	2	-	-	-	-	-
Diphenhydramine	1	-	-	-	-	-	1	-	-	-	1	-	-
Heroin/Morphine ⁴	30	-	-	5	3	18	4	17	5	5	2	1	-
Marijuana/Hashish	30	1	-	17	4	7	1	22	5	3	-	-	-
Methadone	2	1	-	1	-	-	-	2	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	4	-	-	3	-	1	-	1	-	3	-	-	-
All other drugs	77	2	-	20	13	32	10	51	16	3	5	-	2
Drug unknown [†]	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	277	5	-	89	37	117	29	152	47	57	17	2	2
Total drug abuse deaths	136	3	-	45	18	54	16	68	24	33	9	1	1
NEW YORK, NY													
Alcohol-in-comb.	400	2	-	120	19	223	36	138	29	95	16	112	10
Amitriptyline	30	-	-	2	5	16	7	11	8	1	2	6	2
Cocaine	638	2	1	189	45	326	71	184	32	191	62	144	23
Codeine	35	-	-	9	2	17	7	14	7	6	1	6	1
d-Propoxyphene	11	-	-	3	1	6	-	5	1	4	-	-	-
Diazepam	43	-	-	13	5	16	9	25	12	2	-	2	2
Diphenhydramine	14	-	-	4	2	5	3	6	3	2	1	1	1
Heroin/Morphine ⁴	531	3	1	180	19	272	52	214	35	105	23	138	14
Marijuana/Hashish	189	6	2	79	7	83	11	74	11	57	7	37	2
Methadone	156	-	-	20	12	97	27	39	14	38	19	40	6
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	6	-	-	5	-	1	-	5	-	1	-	-	-
All other drugs	389	3	5	52	29	183	113	169	112	34	16	36	19
Drug unknown [†]	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	2,442	16	9	676	146	1,245	336	884	264	536	147	522	80
Total drug abuse deaths	1,158	11	3	332	73	584	149	395	106	288	79	247	40
NEWARK, NJ													
Alcohol-in-comb.	91	1	-	33	4	42	11	25	5	40	10	11	-
Amitriptyline	4	-	-	1	-	2	1	1	-	2	1	-	-
Cocaine	130	1	-	45	10	57	14	28	6	68	16	10	2
Codeine	11	-	-	3	3	4	1	3	2	3	2	1	-
d-Propoxyphene	3	-	-	2	-	1	-	2	-	1	-	-	-
Diazepam	18	-	-	4	2	8	4	10	5	1	1	1	-
Diphenhydramine	1	-	-	-	-	-	1	-	-	-	1	-	-
Heroin/Morphine ⁴	119	-	-	50	9	48	11	37	9	50	11	12	-
Marijuana/Hashish	9	2	-	3	-	2	2	2	1	4	1	1	-
Methadone	12	-	-	2	-	5	4	2	-	5	4	1	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	1	-	-	-	1	-	-	-	-	-	1	-	-
All other drugs	31	-	-	7	5	7	12	9	13	4	4	1	-
Drug unknown [†]	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	430	4	-	150	34	176	61	119	41	178	52	38	2
Total drug abuse deaths	201	2	-	73	14	85	24	55	14	89	22	19	2

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1994

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
NORFOLK, VA													
Alcohol-in-comb.	19	-	-	7	3	7	2	11	5	3	-	-	-
Amitriptyline	3	-	-	1	1	-	1	1	2	-	-	-	-
Cocaine	20	-	-	5	4	7	3	9	4	4	3	-	-
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	5	-	-	2	-	1	2	3	2	-	-	-	-
Diazepam	2	-	-	1	-	-	1	1	1	-	-	-	-
Diphenhydramine	1	1	-	-	-	-	-	1	-	-	-	-	-
Heroin/Morphine ⁴	14	-	-	5	1	8	-	9	1	4	-	-	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	30	-	1	9	3	9	8	15	12	3	-	-	-
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	94	1	1	30	12	32	17	50	27	14	3	-	-
Total drug abuse deaths	44	1	1	13	6	14	8	22	12	7	3	-	-
OMAHA, NE													
Alcohol-in-comb.	10	-	-	4	1	2	3	3	3	1	-	2	1
Amitriptyline	6	-	-	-	-	3	3	2	3	1	-	-	-
Cocaine	12	-	-	4	2	5	1	6	-	1	3	2	-
Codeine	2	-	-	-	1	1	-	1	-	-	-	-	1
d-Propoxyphene	3	-	-	1	-	-	2	-	2	1	-	-	-
Diazepam	2	-	-	-	-	2	-	1	-	1	-	-	-
Diphenhydramine ⁴	4	-	-	2	-	1	1	2	1	1	-	-	-
Heroin/Morphine ⁴	2	-	-	-	-	1	1	1	1	-	-	-	-
Marijuana/Hashish	10	1	-	5	-	4	-	5	-	5	-	-	-
Methadone	1	-	-	-	-	-	1	-	1	-	-	-	-
Methamphetamine/Speed ..	1	-	-	-	-	1	-	1	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	50	-	1	6	5	14	24	15	22	5	5	-	3
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	103	1	1	22	9	34	36	37	33	16	8	4	5
Total drug abuse deaths	40	1	1	10	4	14	10	17	9	6	4	2	2
PHILADELPHIA, NJ/PA													
Alcohol-in-comb.	263	2	-	93	17	134	17	142	26	72	8	15	-
Amitriptyline	17	-	-	-	3	8	6	6	7	1	2	1	-
Cocaine	412	1	-	137	26	213	35	153	28	165	32	33	1
Codeine	175	1	2	55	9	89	18	71	19	63	9	11	2
d-Propoxyphene	54	-	-	15	5	22	12	29	15	5	1	3	1
Diazepam	119	2	1	41	12	45	18	60	29	21	2	7	-
Diphenhydramine	24	-	-	6	1	10	7	9	6	6	2	1	-
Diphenhydramine ⁴	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine ⁴	402	3	1	130	19	216	32	196	39	125	11	28	3
Marijuana/Hashish	19	1	-	9	2	4	3	9	4	3	1	2	-
Methadone	31	-	-	5	3	16	7	17	9	4	-	-	1
Methamphetamine/Speed ..	17	-	-	3	3	11	-	9	2	3	1	2	-
PCP/PCP combinations ...	35	2	-	21	2	9	1	19	3	12	-	1	-
All other drugs	466	4	-	92	47	218	105	215	120	81	29	18	3
Drug unknown	2	-	-	1	-	1	-	2	-	-	-	-	-
Total drug mentions	2,036	16	4	608	149	996	261	937	307	561	98	122	11
Total drug abuse deaths	724	6	2	218	52	354	91	312	98	221	44	45	4

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA 1

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1994

Drug category	TOTAL 2	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other 3	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
PHOENIX, AZ													
Alcohol-in-comb.	124	-	-	30	6	70	15	72	17	6	-	23	4
Amitriptyline	22	-	-	3	2	11	6	13	7	1	-	-	1
Cocaine	64	-	-	23	9	26	4	28	10	8	2	14	1
Codeine	12	-	-	2	-	7	3	8	3	1	-	-	-
d-Propoxyphene	15	-	-	1	1	7	6	8	7	-	-	-	-
Diazepam	40	-	-	8	3	21	7	28	10	-	-	-	-
Diphenhydramine	26	-	-	5	4	6	11	9	15	1	-	2	-
Heroin/Morphine 4	89	-	-	21	4	50	9	52	10	3	-	1	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	18	-	-	4	1	11	2	13	3	1	-	1	-
Methamphetamine/Speed ..	76	1	-	40	5	20	8	55	14	1	-	6	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	298	4	-	64	16	117	89	163	102	9	2	14	6
Drug unknown	1	-	-	-	-	1	-	1	-	-	-	-	-
Total drug mentions	785	5	-	201	51	347	160	450	198	31	4	80	16
Total drug abuse deaths	354	2	-	92	23	160	68	204	85	15	3	39	6
PORTLAND, OR													
Alcohol-in-comb.	61	-	-	12	3	35	11	33	9	6	3	8	2
Amitriptyline	8	-	-	1	-	2	5	3	4	-	-	-	1
Cocaine	24	-	-	8	2	13	-	14	2	4	-	3	-
Codeine	34	-	1	10	3	18	2	19	5	2	1	7	-
d-Propoxyphene	5	-	-	1	-	-	3	1	2	-	-	-	1
Diazepam	1	-	-	-	-	-	1	-	1	-	-	-	-
Diphenhydramine	1	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine 4	76	-	1	16	5	47	6	42	8	9	2	12	2
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	5	-	-	1	1	3	-	4	1	-	-	-	-
Methamphetamine/Speed ..	17	1	-	8	2	6	-	15	1	-	-	-	1
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	45	1	-	9	5	10	17	19	19	1	2	-	1
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	277	2	2	66	21	134	45	150	52	22	8	30	8
Total drug abuse deaths	140	2	1	34	12	65	22	77	28	12	3	12	4
PROVIDENCE, RI													
Alcohol-in-comb.	40	-	-	9	2	24	5	27	6	4	1	2	-
Amitriptyline	10	-	-	2	2	3	3	5	3	-	2	-	-
Cocaine	28	-	-	11	1	14	2	17	1	4	2	4	-
Codeine	20	-	-	2	-	14	4	14	4	1	-	1	-
d-Propoxyphene	6	-	-	-	1	4	1	4	2	-	-	-	-
Diazepam	7	-	-	2	-	2	3	3	2	1	1	-	-
Diphenhydramine	8	-	-	-	-	5	3	5	3	-	-	-	-
Heroin/Morphine 4	43	-	-	7	3	26	7	28	8	4	1	1	1
Marijuana/Hashish	6	1	-	2	-	3	-	3	-	1	-	-	-
Methadone	4	-	-	-	-	3	1	2	-	1	1	2	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	149	-	-	19	9	79	42	90	39	5	10	3	2
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	321	1	-	54	18	177	71	198	68	21	18	13	3
Total drug abuse deaths	116	1	-	21	8	62	24	70	25	8	5	6	2

1 Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

2 Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

3 Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

4 Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1994

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
ST. LOUIS, IL/MO													
Alcohol-in-comb.	62	3	1	21	4	24	8	34	10	13	3	1	-
Amitriptyline	18	-	-	5	3	6	4	8	6	3	1	-	-
Cocaine	100	-	-	30	11	48	10	30	6	44	15	4	-
Codeine	22	-	-	7	1	11	3	12	4	5	-	1	-
d-Propoxyphene	15	-	-	2	1	9	3	9	4	2	-	-	-
Diazepam	34	-	1	9	2	14	7	20	10	3	-	-	-
Diphenhydramine	16	1	-	5	2	7	1	9	3	4	-	-	-
Heroin/Morphine ⁴	42	-	-	11	1	24	4	22	5	12	-	1	-
Marijuana/Hashish	42	3	-	24	3	10	1	26	2	9	2	2	-
Methadone	3	-	-	1	1	1	-	1	-	1	1	-	-
Methamphetamine/Speed ..	7	-	-	3	1	3	-	6	1	-	-	-	-
PCP/PCP combinations ...	3	-	-	3	-	-	-	-	-	3	-	-	-
All other drugs	155	1	-	29	16	57	51	72	51	14	16	1	-
Drug unknown ¹	2	-	-	1	1	-	-	-	-	1	1	-	-
Total drug mentions	521	8	2	151	47	214	92	249	102	114	39	10	-
Total drug abuse deaths	231	5	1	64	20	102	37	106	39	59	19	6	-
SALT LAKE CITY, NV													
Alcohol-in-comb.	16	-	-	1	1	11	3	10	4	1	-	1	-
Amitriptyline	4	1	-	-	1	1	1	1	1	-	-	1	1
Cocaine	14	-	-	6	-	7	1	10	1	-	-	3	-
Codeine	9	-	-	1	1	6	1	6	2	1	-	-	-
d-Propoxyphene	3	-	-	1	-	1	1	1	1	-	-	1	-
Diazepam	2	-	-	1	-	1	-	2	-	-	-	-	-
Diphenhydramine	2	-	-	1	-	-	1	1	1	-	-	-	-
Heroin/Morphine ⁴	15	-	-	1	1	10	3	7	4	1	-	3	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	1	-	-	-	-	1	-	1	-	-	-	-	-
Methamphetamine/Speed ..	2	-	-	2	-	-	-	1	-	1	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	28	-	-	6	2	11	9	15	11	1	-	1	-
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	96	1	-	20	6	49	20	55	25	5	-	10	1
Total drug abuse deaths	48	1	-	10	4	23	10	27	13	2	-	5	1
SAN ANTONIO, TX													
Alcohol-in-comb.	29	1	-	13	-	11	3	7	2	1	-	18	1
Amitriptyline	4	-	-	-	1	3	-	2	-	-	-	1	1
Cocaine	51	2	-	26	-	19	4	15	2	4	-	28	2
Codeine	11	-	-	3	1	6	1	3	1	-	-	6	1
d-Propoxyphene	7	-	-	4	1	1	1	3	2	-	-	2	-
Diazepam	7	-	-	3	-	4	-	4	-	2	-	1	-
Diphenhydramine	1	-	-	-	-	1	-	1	-	-	-	-	-
Heroin/Morphine ⁴	30	-	-	7	1	18	4	12	4	-	-	13	1
Marijuana/Hashish	6	-	-	4	-	1	-	2	-	-	-	4	-
Methadone	2	-	-	1	-	1	-	-	-	1	-	1	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	37	-	-	8	2	19	8	17	6	-	-	10	4
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	185	3	-	69	6	84	21	66	17	8	-	84	10
Total drug abuse deaths	69	2	-	30	3	26	7	22	6	5	-	32	4

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1994

Drug category	TOTAL ²	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other ³	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SAN DIEGO, CA													
Alcohol-in-comb.	121	-	-	42	1	62	15	73	15	6	1	26	-
Amitriptyline	10	-	-	3	-	4	3	6	2	-	-	1	-
Cocaine	106	-	-	35	5	52	13	50	12	12	5	26	1
Codeine	118	-	-	27	3	68	19	65	17	5	3	26	2
d-Propoxyphene	16	-	-	1	-	5	10	6	10	-	-	-	-
Diazepam	27	-	-	4	3	13	7	16	10	-	-	1	-
Diphenhydramine	6	-	-	1	1	-	4	1	3	-	-	-	-
Heroin/Morphine ⁴	149	-	-	38	4	86	20	87	19	5	3	33	1
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	2
Methadone	3	-	-	-	-	2	1	-	-	-	-	-	-
Methamphetamine/Speed ..	115	1	-	41	8	50	15	70	22	5	1	17	-
PCP/PCP combinations ...	1	-	-	1	-	-	-	-	-	1	-	-	-
All other drugs	224	4	-	51	18	91	60	124	73	6	1	16	4
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	896	5	-	244	43	433	167	500	184	40	15	146	11
Total drug abuse deaths	335	2	-	94	19	158	60	181	67	18	6	57	6
SAN FRANCISCO, CA													
Alcohol-in-comb.	119	1	-	27	7	68	15	83	19	6	3	7	-
Amitriptyline	23	-	-	5	2	11	5	13	3	2	3	1	1
Cocaine	155	-	-	33	9	92	20	81	16	35	13	9	-
Codeine	82	-	-	13	4	52	12	50	14	10	2	5	-
d-Propoxyphene	14	-	-	2	-	4	8	6	8	-	-	-	-
Diazepam	45	-	-	13	3	20	9	30	10	2	2	1	-
Diphenhydramine ⁴	19	-	-	3	2	8	6	6	4	4	4	1	-
Heroin/Morphine ⁴	167	1	-	33	10	98	24	103	29	16	5	13	-
Marijuana/Hashish	1	-	-	-	1	-	-	-	1	-	-	-	-
Methadone	15	-	-	1	-	9	5	7	4	2	1	1	-
Methamphetamine/Speed ..	66	-	1	26	7	23	8	40	14	7	2	2	-
PCP/PCP combinations ...	1	-	-	1	-	-	-	-	-	-	-	1	-
All other drugs	172	-	1	30	8	73	59	86	65	12	2	5	1
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	879	2	2	187	53	458	171	505	187	96	37	46	2
Total drug abuse deaths	342	1	1	75	21	174	68	185	73	43	15	22	2
SEATTLE, WA													
Alcohol-in-comb.	69	-	-	13	8	40	8	43	14	4	1	6	1
Amitriptyline	13	-	-	4	3	3	3	7	5	-	1	-	-
Cocaine	77	-	-	18	9	43	7	40	13	13	3	8	-
Codeine	4	-	-	2	-	1	1	3	1	-	-	-	-
d-Propoxyphene	10	-	-	2	1	6	1	8	1	-	-	-	-
Diazepam	11	-	-	1	3	5	2	6	4	-	-	-	1
Diphenhydramine	4	-	-	1	-	1	2	2	1	-	-	-	1
Heroin/Morphine ⁴	103	-	-	21	12	60	10	68	18	7	3	6	1
Marijuana/Hashish	3	-	-	1	1	1	-	2	1	-	-	-	-
Methadone	9	-	-	3	1	3	2	6	2	-	1	-	-
Methamphetamine/Speed ..	-	-	-	-	-	-	-	-	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	142	-	-	23	25	49	45	67	51	4	2	1	17
Drug unknown ¹	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	445	-	-	89	63	212	81	252	111	28	11	21	22
Total drug abuse deaths	188	-	-	38	23	96	31	109	40	14	7	11	7

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA ¹

Table 3.02 - Number of medical examiner drug mentions by selected drug category according to metropolitan area, age, race/ethnicity and sex: 1994

Drug category	TOTAL 2	Age						Race/ethnicity					
		6-17 years		18-34 years		35 and older		White		Black		Other 3	
		Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SIOUX FALLS, SD													
Alcohol-in-comb.	2	-	-	1	-	-	1	1	1	-	-	-	-
Amitriptyline	-	-	-	-	-	-	-	-	-	-	-	-	-
Cocaine	-	-	-	-	-	-	-	-	-	-	-	-	-
Codeine	-	-	-	-	-	-	-	-	-	-	-	-	-
d-Propoxyphene	-	-	-	-	-	-	-	-	-	-	-	-	-
Diazepam	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphenhydramine	-	-	-	-	-	-	-	-	-	-	-	-	-
Heroin/Morphine 4	-	-	-	-	-	-	-	-	-	-	-	-	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-	-	-	-	-
Methadone	-	-	-	-	-	-	-	-	-	-	-	-	-
Methamphetamine/Speed ..	1	-	-	1	-	-	-	1	-	-	-	-	-
PCP/PCP combinations ...	-	-	-	-	-	-	-	-	-	-	-	-	-
All other drugs	6	-	-	1	-	-	5	1	5	-	-	-	-
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	9	-	-	3	-	-	6	3	6	-	-	-	-
Total drug abuse deaths	2	-	-	1	-	-	1	1	1	-	-	-	-
WASHINGTON, DC/MD/VA													
Alcohol-in-comb.	71	-	-	24	6	33	8	30	12	27	2	-	-
Amitriptyline	10	1	-	1	-	3	5	4	5	1	-	-	-
Cocaine	110	-	1	37	8	49	13	22	5	63	18	2	-
Codeine	16	-	-	3	3	7	3	2	2	8	4	-	-
d-Propoxyphene	1	-	-	-	-	1	-	1	-	-	-	-	-
Diazepam	3	-	-	-	1	2	-	2	-	-	1	-	-
Diphenhydramine	10	-	-	-	1	2	7	2	8	-	-	-	-
Heroin/Morphine 4	82	-	-	22	6	48	6	31	6	38	6	1	-
Marijuana/Hashish	8	-	-	2	1	5	-	-	-	7	1	-	-
Methadone	4	-	-	-	-	1	3	1	1	-	2	-	-
Methamphetamine/Speed ..	1	-	-	-	-	1	-	1	-	-	-	-	-
PCP/PCP combinations ...	20	-	-	9	3	6	1	6	1	10	3	-	-
All other drugs	154	6	7	31	18	39	52	48	60	29	14	-	3
Drug unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Total drug mentions	490	7	8	129	47	197	98	150	100	183	51	3	3
Total drug abuse deaths	242	2	5	59	21	106	46	72	41	94	30	3	2

¹ Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

² Includes mentions from episodes for which sex, race/ethnicity or age was unknown or not reported.

³ Includes Hispanic, American Indian/Alaskan Native, Asian/Pacific Islander, and other racial/ethnic groups.

⁴ Includes opiates not specified as to type.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

4. TRENDS IN NUMBERS OF DRUG ABUSE DEATHS AND DRUG MENTIONS: 1991-1994

This chapter presents trends in the numbers of drug abuse deaths and drug mentions that occurred between 1991 and 1994 as reported by a subset of DAWN MEs with consistent reporting histories over the entire period of comparison. (Refer to Table I-3 for a list of ME jurisdictions included in this chapter.) As discussed in Chapter 1, a consistent panel of reporting facilities will eliminate time-related changes in the number of drug abuse deaths and drug mentions resulting from the lack of reports from some jurisdictions from one period to another. ME jurisdictions were included in the consistent panel if they reported for at least 10 months in each of the 4 years examined in this chapter. This rule included 73 ME jurisdictions from 25 metropolitan areas, covering 7,521 drug-abuse deaths (89 percent of deaths reported in Chapter 2) and 18,020 drug mentions (89 percent of mentions reported Chapter 2).

Comparisons of DAWN drug abuse deaths across metropolitan areas should be made with caution, since ME cases vary by area and reporting practices are not consistent.

For the Boston metropolitan area, four of the five medical examiner facilities reported for only 4 months in 1992. For this reason, data from the Boston metropolitan area are excluded from Chapter 4.

The first three tables (tables 4.01-4.03) provide data for the entire consistent panel, including distributions of total drug abuse deaths by decedent demographic characteristics, episode characteristics, and drug group mentioned. Tables 4.04 and 4.05 display the data by metropolitan area for total drug abuse episodes and mentions of cocaine and heroin/morphine. Finally, table 4.06 profiles each of the 25 metropolitan areas. This table shows distributions of ME cases by decedent demographic characteristics and mentions of selected top-ranking drugs.

The following discussion focuses on comparisons between ME drug abuse cases and drug mentions in 1993 and 1994. To facilitate comparisons, each table in this chapter includes a column showing the percentage change from 1993 to 1994. The percentage change is not shown when the denominator values (i.e., the 1993 total for the comparison in question) are less than 10.

As shown in table 4.01, the number of drug abuse deaths reported by ME facilities in the consistent panel decreased 1 percent in the overall data, from 7,602 in 1993 to 7,521 in 1994. Deaths decreased by about 1 percent for both males and females. The number of black decedents decreased 1 percent and the number of Hispanic decedents dropped by 10 percent, but the number of white decedents increased by almost 2 percent. By age, the largest decreases were observed for decedents aged 20 to 25 years (8 percent), 26 to 29 years (7 percent), 35 to 44 years (4 percent), and 30 to 34 years (4 percent). Notable increases were seen for drug abuse deaths among persons aged 18 to 19 years (23 percent), 12 to 17 years (17 percent), and 45 to 54 years (15 percent).

Table 4.02 presents comparisons in the distributions of drug abuse deaths in 1993 and 1994 by selected case (episode) characteristics. The number of single-drug cases increased 2 percent while the number of cases involving multiple drugs decreased 2 percent. Deaths directly induced by drugs (i.e., overdoses) decreased 7 percent, from 5,241 in 1993 to 4,883 in 1994, while deaths in which drugs played a contributory role increased 11 percent, from 2,242 in 1993 to 2,481 in 1994. Drug abuse deaths that were accidental or unexpected decreased by 3 percent, and suicides decreased 2 percent over the two years.

Data on drugs mentioned in connection with ME cases in 1993 and 1994 in the total DAWN consistent panel are shown in table 4.03. Mentions of cocaine increased 2 percent, from 3,633 in 1993 to 3,687 in 1994. Proportionately, cocaine was reported in 48 percent of cases in 1993 and 49 percent of drug-related deaths in 1994. Mentions of heroin/morphine dropped 10 percent, from 3,558 in 1993 to 3,217 in 1994. Forty-seven percent of drug abuse deaths in 1993 involved heroin/morphine compared

with 43 percent in 1994. Deaths involving amphetamine increased 39 percent; other notable increases included fluoxetine (34 percent), methamphetamine/speed (29 percent), marijuana/hashish (28 percent), and alprazolam (23 percent). Relatively large decreases were seen for PCP/PCP combinations (25 percent), aspirin (25 percent), methadone (17 percent), diphenhydramine (14 percent), and doxepin (12 percent).

Table 4.04 presents the number of drug abuse deaths in 1993 and 1994 according to metropolitan area. As noted previously, deaths in the overall data decreased 1 percent over this period. Across the 25 DAWN metropolitan areas, the largest increases were seen in New Orleans (67 percent), Kansas City (63 percent), Phoenix (46 percent), San Diego (34 percent), and Seattle (24 percent). The greatest relative decreases occurred in Buffalo (70 percent), Indianapolis (55 percent), and New York (21 percent).

Comparisons of the number of ME cases involving mentions of cocaine and heroin/morphine according to metropolitan area are shown in table 4.05. Cocaine mentions, as previously indicated, increased 2 percent from 1993 to 1994 in the overall ME data. The greatest increases occurred in Seattle (88 percent), Denver (75 percent), New Orleans (36 percent), Phoenix (33 percent) and St. Louis (28 percent). Mentions of cocaine decreased 54 percent in Indianapolis, 22 percent in New York, and 18 percent in Dallas.

Mentions of heroin/morphine in ME cases (table 4.05b) decreased 10 percent in the overall data, as indicated previously. Increases occurred in Phoenix (34 percent), Denver (29 percent), and New Orleans (25 percent). Decreases were largest in Norfolk (39 percent), New York (33 percent), Washington (25 percent), and Dallas (23 percent).

Table 4.06 presents comparisons of 1993 and 1994 ME data according to metropolitan area. The data include the number of drug abuse deaths according to decedent demographic characteristics, and the number of mentions of selected top-ranking drugs reported in connection with these cases. This discussion will focus on three metropolitan areas: (1) New York, which had the largest numbers of drug-related deaths in each year; (2) Los Angeles, which ranked second in each year; and (3) New Orleans, which experienced a large increase during a year when the number of drug abuse deaths decreased in the overall DAWN system.

In the New York area, total drug abuse deaths reported by MEs participating in DAWN decreased 21 percent, from 1,469 to 1,158. Cases involving males decreased 21 percent and cases involving females decreased 22 percent. Drug abuse deaths decreased for all racial/ethnic groups: 29 percent for Hispanics, 22 percent for blacks, and 16 percent for whites. Decedents 35 years of age or older accounted for 64 percent of drug-related ME cases in the New York area. Deaths of individuals in this age range decreased 18 percent from 1993 to 1994. Decreases were also seen for decedents aged 18 to 25 years (35 percent) and 26 to 34 years (25 percent). New York area deaths involving cocaine decreased 22 percent over this period, while those involving heroin/morphine decreased 33 percent. Decreases were also seen for methadone (35 percent) and alcohol-in-combination (31 percent). Relatively large increases were seen in New York for diazepam (79 percent), diphenhydramine (40 percent), marijuana/hashish (23 percent) and codeine (21 percent).

There was almost no change in the overall number of drug abuse deaths in Los Angeles (1,083 deaths in 1993 compared to 1,080 deaths in 1994). Cases involving males decreased 3 percent, while cases involving females increased 9 percent. Cases involving black decedents increased 30 percent, while cases for other racial ethnic groups decreased (6 percent for whites and 9 percent for Hispanics). Sixty-seven percent of decedents in drug abuse cases were over the age of 35 years; the number of cases involving decedents in this age range increased 4 percent. A 24 percent decrease in drug abuse deaths was observed for decedents aged 18 to 25 years and a 3 percent decrease was observed for decedents aged 26 to 34 years. Deaths involving cocaine increased 10 percent (from 470 to 517), while cases with mention of heroin/morphine decreased 12 percent (from 534 to 472). The greatest proportional increase in drug abuse deaths occurred for cases with mention of amitriptylene (a 28 percent

increase from 51 to 65). The greatest declines were 49 percent for PCP/PCP combinations (from 68 to 35), 35 percent for diazepam (from 52 to 34), and 15 percent for methadone (from 27 to 23).

The New Orleans area experienced a 67 percent increase in drug abuse deaths, from 69 in 1993 to 115 in 1994. Increases in deaths were seen for both sexes, with increases for males (74 percent) larger than for females (56 percent). Deaths among whites increased by 74 percent and those among blacks increased by 56 percent. All major age groups showed increases (150 percent for 18 to 25 years, 63 percent for 26 to 34 years, and 50 percent for 35 years and older). Among the selected drug categories displayed in Table 4.06, increases were observed for alcohol-in-combination (82 percent), cocaine (36 percent), and heroin/morphine (25 percent).

MEDICAL EXAMINER DATA

Table 4.01 - Distribution of drug abuse deaths by selected demographic characteristics: 1991-1994

Demographic characteristics	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
SEX									
Male	4,524	72.4	5,163	75.2	5,778	76.0	5,723	76.1	-1.0
Female	1,700	27.2	1,661	24.2	1,788	23.5	1,779	23.7	-.6
Unknown/no response	22	.4	46	.7	36	.5	19	.3	-47.2
TOTAL	6,246	100.0	6,870	100.0	7,602	100.0	7,521	100.0	-1.1
RACE/ETHNICITY									
White	3,304	52.9	3,710	54.0	4,027	53.0	4,090	54.4	1.6
Black	1,986	31.8	2,092	30.5	2,407	31.7	2,384	31.7	-1.0
Hispanic	816	13.1	957	13.9	1,024	13.5	926	12.3	-9.6
Other	65	1.0	85	1.2	71	.9	78	1.0	9.9
Unknown/no response	75	1.2	26	.4	73	1.0	43	.6	-41.1
TOTAL	6,246	100.0	6,870	100.0	7,602	100.0	7,521	100.0	-1.1
AGE									
6 to 17 years	64	1.0	69	1.0	73	1.0	83	1.1	13.7
6 to 11 years	4	.1	3	*	4	.1	2	*	...
12 to 17 years	60	1.0	66	1.0	69	.9	81	1.1	17.4
18 to 25 years	673	10.8	647	9.4	722	9.5	691	9.2	-4.3
18 to 19 years	79	1.3	80	1.2	89	1.2	109	1.4	22.5
20 to 25 years	594	9.5	567	8.3	633	8.3	582	7.7	-8.1
26 to 34 years	1,965	31.5	2,004	29.2	2,057	27.1	1,952	26.0	-5.1
26 to 29 years	735	11.8	710	10.3	706	9.3	654	8.7	-7.4
30 to 34 years	1,230	19.7	1,294	18.8	1,351	17.8	1,298	17.3	-3.9
35 years and older	3,512	56.2	4,130	60.1	4,719	62.1	4,754	63.2	-.7
35 to 44 years	2,165	34.7	2,547	37.1	3,035	39.9	2,906	38.6	-4.3
45 to 54 years	833	13.3	947	13.8	1,091	14.4	1,251	16.6	14.7
55 years and older	514	8.2	636	9.3	593	7.8	597	7.9	.7
Unknown/no response	32	.5	20	.3	31	.4	41	.5	32.3
TOTAL	6,246	100.0	6,870	100.0	7,602	100.0	7,521	100.0	-1.1

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.02 - Distribution of drug abuse deaths
by selected episode characteristics: 1991-1994

Episode characteristics	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
DRUG CONCOMITANCE									
Single-drug episode	1,644	26.3	1,741	25.3	1,828	24.0	1,863	24.8	1.9
Multi-drug episode	4,602	73.7	5,129	74.7	5,774	76.0	5,658	75.2	-2.0
TOTAL	6,246	100.0	6,870	100.0	7,602	100.0	7,521	100.0	-1.1
CAUSE OF DEATH									
Drug induced (overdose)	4,016	64.3	4,564	66.4	5,241	68.9	4,883	64.9	-6.8
Direct - single drug cause	612	9.8	710	10.3	735	9.7	702	9.3	-4.5
Direct - multiple drug cause	3,404	54.5	3,854	56.1	4,506	59.3	4,181	55.6	-7.2
Drug related (contributory factor) .	2,169	34.7	2,245	32.7	2,242	29.5	2,481	33.0	10.7
Drug and physiological condition .	392	6.3	699	10.2	708	9.3	812	10.8	14.7
Drug and external physical event .	1,290	20.7	1,261	18.4	1,277	16.8	1,497	19.9	17.2
Drug and medical disorder	487	7.8	285	4.1	257	3.4	172	2.3	-33.1
Unknown	61	1.0	61	.9	119	1.6	157	2.1	31.9
TOTAL	6,246	100.0	6,870	100.0	7,602	100.0	7,521	100.0	-1.1
MANNER OF DEATH									
Accidental/unexpected	3,545	56.8	3,960	57.6	4,649	61.2	4,494	59.8	-3.3
Suicide	1,358	21.7	1,494	21.7	1,436	18.9	1,415	18.8	-1.5
Other/unknown	1,343	21.5	1,416	20.6	1,517	20.0	1,612	21.4	6.3
TOTAL	6,246	100.0	6,870	100.0	7,602	100.0	7,521	100.0	-1.1

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.03 - Distribution of drug mentions by selected drug group: 1991-1994

Drug groups: therapeutic class by drug category	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
TRANQUILIZERS	1,002	16.0	992	14.4	927	12.2	1,002	13.3	8.1
Diazepam	578	9.3	582	8.5	507	6.7	557	7.4	9.9
Alprazolam	75	1.2	96	1.4	88	1.2	108	1.4	22.7
Chlordiazepoxide	89	1.4	88	1.3	71	.9	76	1.0	7.0
Clorazepate	1	*	2	*	1	*	-	-	-
Lorazepam	21	.3	14	.2	21	.3	13	.2	-38.1
Meprobamate	49	.8	56	.8	49	.6	56	.7	14.3
Other/unspecified	189	3.0	154	2.2	190	2.5	192	2.6	1.1
NARCOTIC ANALGESICS	3,886	62.2	4,644	67.6	5,345	70.3	5,090	67.7	-4.8
Heroin/Morphine	2,260	36.2	2,782	40.5	3,558	46.8	3,217	42.8	-9.6
d-Propoxyphene	303	4.9	344	5.0	280	3.7	302	4.0	7.9
Methadone	425	6.8	420	6.1	413	5.4	341	4.5	-17.1
Oxycodone	33	.5	35	.5	42	.6	33	.4	-21.4
Codeine	724	11.6	818	11.9	852	11.2	1,012	13.5	18.8
Meperidine HCl	30	.5	33	.5	46	.6	30	.4	-34.8
Hydromorphone	20	.3	23	.3	17	.2	18	.2	5.9
Other/unspecified	91	1.5	189	2.8	137	1.8	137	1.8	.0
NON-NARCOTIC ANALGESICS	357	5.7	400	5.8	407	5.4	393	5.2	-3.4
Aspirin	99	1.6	93	1.4	93	1.2	70	.9	-24.7
Acetaminophen	217	3.5	254	3.7	262	3.4	271	3.6	3.5
Pentazocine	-	-	1	*	-	-	-	-	...
Butalbital combinations	-	-	1	*	1	*	-	-	...
Other/unspecified	41	.7	51	.7	51	.7	52	.7	2.0
NON-BARBITURATE SEDATIVES	180	2.9	177	2.6	130	1.7	121	1.6	-6.9
Methaqualone	2	*	3	*	1	*	3	*	...
Flurazepam	46	.7	50	.7	35	.5	44	.6	25.7
O.T.C. sleep aids	2	*	-	-	1	*	-	-	...
Ethchlorvynol	19	.3	14	.2	8	.1	7	.1	...
Glutethimide	38	.6	19	.3	14	.2	13	.2	-7.1
Chloral hydrate	-	-	8	.1	4	.1	2	*	...
Other/unspecified	73	1.2	83	1.2	67	.9	52	.7	-22.4
ANTIDEPRESSANTS	1,290	20.7	1,191	17.3	1,117	14.7	1,145	15.2	2.5
Amitriptyline	406	6.5	342	5.0	323	4.2	330	4.4	2.2
Amitriptyline combinations	1	*	-	-	-	-	-	-	...
Doxepin	160	2.6	171	2.5	154	2.0	135	1.8	-12.3
Fluoxetine	98	1.6	105	1.5	91	1.2	122	1.6	34.1
Imipramine	75	1.2	72	1.0	70	.9	80	1.1	14.3
Desipramine	124	2.0	131	1.9	93	1.2	98	1.3	5.4
Other/unspecified	426	6.8	370	5.4	386	5.1	380	5.1	-1.6
ANTIPSYCHOTICS	174	2.8	185	2.7	177	2.3	173	2.3	-2.3
Chlorpromazine	31	.5	36	.5	37	.5	24	.3	-35.1
Thioridazine	67	1.1	56	.8	59	.8	58	.8	-1.7
Haloperidol	17	.3	18	.3	12	.2	18	.2	50.0
Trifluoperazine	7	.1	11	.2	4	.1	7	.1	...
Other/unspecified	52	.8	64	.9	65	.9	66	.9	1.5
BARBITURATE SEDATIVES	356	5.7	364	5.3	322	4.2	295	3.9	-8.4
Phenobarbital	141	2.3	148	2.2	141	1.9	117	1.6	-17.0
Secobarbital/Amobarbital	-	-	-	-	-	-	-	-	...
Secobarbital	62	1.0	55	.8	54	.7	42	.6	-22.2
Pentobarbital	30	.5	35	.5	24	.3	32	.4	33.3
Other/unspecified	123	2.0	126	1.8	103	1.4	104	1.4	1.0
AMPHETAMINES	252	4.0	334	4.9	566	7.4	751	10.0	32.7
Amphetamine	96	1.5	129	1.9	228	3.0	317	4.2	39.0
Methamphetamine/Speed	151	2.4	205	3.0	335	4.4	433	5.8	29.3
Other/unspecified	5	.1	-	-	3	*	1	*	...
HALLUCINOGENS	108	1.7	145	2.1	201	2.6	152	2.0	-24.4
PCP/PCP combinations	105	1.7	143	2.1	198	2.6	148	2.0	-25.3
LSD	3	*	2	*	3	*	4	.1	...
Other/unspecified	-	-	-	-	-	-	-	-	...
OTHER DRUGS	2,310	37.0	2,716	39.5	3,084	40.6	2,811	37.4	-8.9
Alcohol-in-combination	2,938	47.0	3,285	47.8	3,633	47.8	3,687	49.0	1.5
Marijuana/Hashish	197	3.2	314	4.6	411	5.4	524	7.0	27.5
Codeine combinations	1	*	2	*	-	-	-	-	...
Diphenylhydantoin sodium	84	1.3	88	1.3	90	1.2	75	1.0	-16.7
Diphenhydramine	230	3.7	281	4.1	335	4.4	288	3.8	-14.0
O.T.C. diet aids	-	-	-	-	-	-	-	-	...
Inhalants/Solvents/Aerosols	60	1.0	95	1.4	117	1.5	116	1.5	-.9
Methylphenidate	1	*	-	-	1	*	3	*	...
All other drugs	1,018	16.3	1,207	17.6	1,233	16.2	1,406	18.7	14.0
DRUG UNKNOWN	429	6.9	19	.3	9	.1	11	.1	...
TOTAL DRUG MENTIONS	14,873	238.1	16,439	239.3	18,105	238.2	18,043	239.9	-.3
Total drug abuse episodes	6,246	100.0	6,870	100.0	7,602	100.0	7,521	100.0	-1.1

1 Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.04 - number of drug-related deaths
by metropolitan area: 1991-1994

Metropolitan area	1991	1992	1993	1994	Percent change in numbers, 1993-1994
Atlanta, GA	142	142	172	184	7.0
Baltimore, MD	275	296	408	458	12.3
Buffalo, NY	20	32	10	3	-70.0
Chicago, IL	366	393	571	613	7.4
Cleveland, OH	56	84	95	111	16.8
Dallas, TX	168	215	389	323	-17.0
Denver, CO	47	52	53	64	20.8
Detroit, MI	263	322	300	289	-3.7
Indianapolis, IN	23	11	29	13	-55.2
Kansas City, KS/MO	60	27	35	57	62.9
Los Angeles, CA	924	1,094	1,083	1,080	-.3
Miami, FL	183	141	184	169	-8.2
Minneapolis, MN	72	52	64	69	7.8
New Orleans, LA	58	67	69	115	66.7
New York, NY	1,446	1,400	1,469	1,158	-21.2
Newark, NJ	195	178	187	201	7.5
Norfolk, VA.....	20	46	37	44	18.9
Philadelphia, NJ/PA	591	667	759	724	-4.6
Phoenix, AZ	143	198	242	354	46.3
St. Louis, IL/MO	201	228	249	231	-7.2
San Antonio, TX	102	95	69	69	.0
San Diego, CA	212	270	251	335	33.5
San Francisco, CA	268	398	341	342	.3
Seattle, WA	116	143	152	188	23.7
Washington, DC/MD/VA	247	231	259	242	-6.6
Total DAWN system	6,246	6,870	7,602	7,521	-1.1

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.05a - number of mentions of selected top ranking drugs by metropolitan area: 1991-1994

COCAINE

Metropolitan area	1991	1992	1993	1994	Percent change in numbers, 1993-1994
Atlanta, GA	91	80	95	106	11.6
Baltimore, MD	125	175	249	293	17.7
Buffalo, NY	4	11	4	-	...
Chicago, IL	166	199	293	352	20.1
Cleveland, OH	15	22	31	29	-6.5
Dallas, TX	69	78	129	106	-17.8
Denver, CO	13	16	16	28	75.0
Detroit, MI	85	113	133	121	-9.0
Indianapolis, IN	7	5	12	5	-53.8
Kansas City, KS/MO	21	7	7	17	...
Los Angeles, CA	404	558	470	517	10.0
Miami, FL	126	103	150	141	-6.0
Minneapolis, MN	10	9	9	12	...
New Orleans, LA	34	33	42	57	35.7
New York, NY	806	733	818	638	-22.0
Newark, NJ	137	123	126	130	3.2
Norfolk, VA	9	21	22	20	-9.1
Philadelphia, NJ/PA	309	393	426	412	-3.3
Phoenix, AZ	44	45	48	64	33.3
St. Louis, IL/MO	72	67	78	100	28.2
San Antonio, TX	47	61	42	51	21.4
San Diego, CA	67	84	95	106	11.6
San Francisco, CA	113	174	138	155	12.3
Seattle, WA	33	35	41	77	87.8
Washington, DC/MD/VA	116	92	101	110	8.9
Total DAWN system	2,938	3,285	3,633	3,687	1.5

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.05b - number of mentions of selected top ranking drugs by metropolitan area: 1991-1994

HEROIN/MORPHINE ¹

Metropolitan area	1991	1992	1993	1994	Percent change in numbers, 1993-1994
Atlanta, GA	17	15	35	35	0.0
Baltimore, MD	176	180	301	339	12.6
Buffalo, NY	4	11	5	-	...
Chicago, IL	172	192	334	294	-12.0
Cleveland, OH	13	22	37	44	18.9
Dallas, TX	15	23	60	46	-23.3
Denver, CO	13	13	17	22	29.4
Detroit, MI	82	101	112	109	-2.7
Indianapolis, IN	5	2	7	-	...
Kansas City, KS/MO	8	-	3	7	...
Los Angeles, CA	317	457	534	472	-11.6
Miami, FL	16	25	28	32	14.3
Minneapolis, MN	13	8	9	7	...
New Orleans, LA	3	8	20	25	25.0
New York, NY	583	681	796	531	-33.3
Newark, NJ	68	81	105	119	13.3
Norfolk, VA	9	18	23	14	-39.1
Philadelphia, NJ/PA	240	298	412	402	-2.4
Phoenix, AZ	41	73	66	89	33.8
St. Louis, IL/MO	48	42	36	42	16.7
San Antonio, TX	34	23	30	30	.0
San Diego, CA	108	161	136	149	9.6
San Francisco, CA	82	152	171	167	-2.3
Seattle, WA	47	66	99	103	4.0
Washington, DC/MD/VA	127	89	109	82	-24.8
Total DAWN system	2,260	2,782	3,558	3,217	-9.6

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1991-1994

Selected demographic characteristics and drug groups	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
	ATLANTA, GA								
Total drug abuse episodes	142	100.0	142	100.0	172	100.0	184	100.0	7.0
SEX									
Male.....	104	73.2	109	76.8	129	75.0	135	73.4	4.7
Female.....	38	26.8	33	23.2	42	24.4	48	26.1	14.3
Unknown/no response	-	-	-	-	1	.6	1	.5	...
RACE/ETHNICITY									
White.....	59	41.5	69	48.6	84	48.8	74	40.2	-11.9
Black.....	49	34.5	70	49.3	86	50.0	105	57.1	22.1
Hispanic.....	1	.7	1	.7	1	.6	1	.5	...
Other.....	-	-	1	.7	-	-	3	1.6	...
Unknown/no response	33	23.2	1	.7	1	.6	1	.5	...
AGE									
6 to 17 years	-	-	2	1.4	1	.6	3	1.6	...
18 to 25 years	20	14.1	16	11.3	22	12.8	15	8.2	-31.8
26 to 34 years	51	35.9	33	23.2	42	24.4	43	23.4	2.4
35 years and older	70	49.3	91	64.1	104	60.5	123	66.8	18.3
Unknown/no response	1	.7	-	-	3	1.7	-	-	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	61	43.0	66	46.5	72	41.9	80	43.5	11.1
Amitriptyline	7	4.9	4	2.8	2	1.2	4	2.2	...
Cocaine	91	64.1	80	56.3	95	55.2	106	57.6	11.6
Codeine	8	5.6	9	6.3	7	4.1	18	9.8	...
d-Propoxyphene	2	1.4	3	2.1	5	2.9	2	1.1	...
Diazepam	11	7.7	8	5.6	6	3.5	5	2.7	...
Diphenhydramine	6	4.2	4	2.8	10	5.8	2	1.1	-80.0
Heroin/Morphine	17	12.0	15	10.6	35	20.3	35	19.0	.0
Marijuana/Hashish	10	7.0	22	15.5	32	18.6	34	18.5	6.3
Methadone	8	5.6	1	.7	4	2.3	-	-	...
Methamphetamine/Speed	-	-	-	-	1	.6	2	1.1	...
PCP/PCP combinations	-	-	-	-	-	-	-	-	...
All other drugs	67	47.2	88	62.0	90	52.3	78	42.4	-13.3
TOTAL DRUG MENTIONS	288	202.8	300	211.3	359	208.7	366	198.9	1.9
	BALTIMORE, MD								
Total drug abuse episodes	275	100.0	296	100.0	408	100.0	458	100.0	12.3
SEX									
Male.....	213	77.5	240	81.1	334	81.9	372	81.2	11.4
Female.....	62	22.5	56	18.9	74	18.1	86	18.8	16.2
Unknown/no response	-	-	-	-	-	-	-	-	-
RACE/ETHNICITY									
White.....	108	39.3	119	40.2	154	37.7	170	37.1	10.4
Black.....	166	60.4	175	59.1	251	61.5	281	61.4	12.0
Hispanic.....	-	-	1	.3	2	.5	3	.7	...
Other.....	-	-	-	-	-	-	2	.4	...
Unknown/no response	1	.4	1	.3	1	.2	2	.4	...
AGE									
6 to 17 years	4	1.5	2	.7	4	1.0	-	-	...
18 to 25 years	29	10.5	26	8.8	29	7.1	33	7.2	13.8
26 to 34 years	107	38.9	101	34.1	136	33.3	140	30.6	2.9
35 years and older	131	47.6	163	55.1	234	57.4	271	59.2	15.8
Unknown/no response	4	1.5	4	1.4	5	1.2	14	3.1	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	127	46.2	136	45.9	183	44.9	184	40.2	.5
Amitriptyline	15	5.5	14	4.7	21	5.1	20	4.4	-4.8
Cocaine	125	45.5	175	59.1	249	61.0	293	64.0	17.7
Codeine	49	17.8	28	9.5	40	9.8	49	10.7	22.5
d-Propoxyphene	14	5.1	15	5.1	13	3.2	6	1.3	-53.8
Diazepam	15	5.5	14	4.7	12	2.9	11	2.4	-8.3
Diphenhydramine	15	5.5	18	6.1	19	4.7	31	6.8	63.2
Heroin/Morphine	176	64.0	180	60.8	301	73.8	339	74.0	12.6
Marijuana/Hashish	-	-	-	-	-	-	-	-	-
Methadone	12	4.4	18	6.1	13	3.2	18	3.9	38.5
Methamphetamine/Speed	-	-	-	-	-	-	1	.2	...
PCP/PCP combinations	8	2.9	15	5.1	31	7.6	29	6.3	-6.5
All other drugs	327	118.9	364	123.0	389	95.3	494	107.9	27.0
TOTAL DRUG MENTIONS	883	321.1	977	330.1	1,271	311.5	1,475	322.1	16.1

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1991-1994

Selected demographic characteristics and drug groups	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
	BUFFALO, NY								
Total drug abuse episodes	20	100.0	32	100.0	10	100.0	3	100.0	-70.0
SEX									
Male.....	13	65.0	21	65.6	8	80.0	1	33.3	...
Female.....	7	35.0	10	31.3	2	20.0	2	66.7	...
Unknown/no response	-	-	1	3.1	-	-	-	-	-
RACE/ETHNICITY									
White.....	13	65.0	24	75.0	6	60.0	3	100.0	...
Black.....	7	35.0	7	21.9	4	40.0	-	-	...
Hispanic.....	-	-	1	3.1	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-
Unknown/no response	-	-	-	-	-	-	-	-	-
AGE									
6 to 17 years	-	-	-	-	-	-	-	-	-
18 to 25 years	3	15.0	1	3.1	-	-	1	33.3	...
26 to 34 years	4	20.0	9	28.1	5	50.0	-	-	-
35 years and older	13	65.0	22	68.8	5	50.0	2	66.7	...
Unknown/no response	-	-	-	-	-	-	-	-	-
SELECTED DRUG GROUPS									
Alcohol-in-comb.	7	35.0	7	21.9	7	70.0	1	33.3	...
Amitriptyline	1	5.0	6	18.8	-	-	-	-	...
Cocaine	4	20.0	11	34.4	4	40.0	-	-	-
Codeine	5	25.0	6	18.8	3	30.0	-	-	-
d-Propoxyphene	3	15.0	5	15.6	-	-	1	33.3	...
Diazepam	2	10.0	6	18.8	1	10.0	-	-	-
Diphenhydramine	2	10.0	1	3.1	-	-	-	-	-
Heroin/Morphine	4	20.0	11	34.4	5	50.0	-	-	-
Marijuana/Hashish	-	-	-	-	-	-	-	-	-
Methadone	-	-	1	3.1	-	-	-	-	-
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	-	-	-	-	-	-	-	-	-
All other drugs	19	95.0	28	87.5	12	120.0	5	166.7	-58.3
TOTAL DRUG MENTIONS	47	235.0	82	256.3	32	320.0	7	233.3	-78.1
	CHICAGO, IL								
Total drug abuse episodes	366	100.0	393	100.0	571	100.0	613	100.0	7.4
SEX									
Male.....	255	69.7	274	69.7	420	73.6	459	74.9	9.3
Female.....	110	30.1	115	29.3	147	25.7	153	25.0	4.1
Unknown/no response	1	.3	4	1.0	4	.7	1	.2	...
RACE/ETHNICITY									
White.....	177	48.4	177	45.0	266	46.6	268	43.7	.8
Black.....	175	47.8	196	49.9	283	49.6	303	49.4	7.1
Hispanic.....	13	3.6	17	4.3	19	3.3	37	6.0	94.7
Other.....	1	.3	3	.8	2	.4	3	.5	...
Unknown/no response	-	-	-	-	1	.2	2	.3	...
AGE									
6 to 17 years	3	.8	5	1.3	2	.4	4	.7	...
18 to 25 years	53	14.5	47	12.0	59	10.3	60	9.8	1.7
26 to 34 years	119	32.5	137	34.9	168	29.4	188	30.7	11.9
35 years and older	191	52.2	204	51.9	342	59.9	360	58.7	5.3
Unknown/no response	-	-	-	-	-	-	1	.2	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	175	47.8	179	45.5	274	48.0	253	41.3	-7.7
Amitriptyline	23	6.3	22	5.6	25	4.4	10	1.6	-60.0
Cocaine	166	45.4	199	50.6	293	51.3	352	57.4	20.1
Codeine	72	19.7	83	21.1	163	28.5	174	28.4	6.7
d-Propoxyphene	19	5.2	13	3.3	11	1.9	17	2.8	54.5
Diazepam	13	3.6	18	4.6	22	3.9	6	1.0	-72.7
Diphenhydramine	15	4.1	11	2.8	15	2.6	6	1.0	-60.0
Heroin/Morphine	172	47.0	192	48.9	334	58.5	294	48.0	-12.0
Marijuana/Hashish	1	.3	3	.8	1	.2	7	1.1	...
Methadone	10	2.7	17	4.3	7	1.2	8	1.3	...
Methamphetamine/Speed	-	-	-	-	-	-	2	.3	...
PCP/PCP combinations	16	4.4	7	1.8	7	1.2	10	1.6	...
All other drugs	161	44.0	194	49.4	182	31.9	159	25.9	-12.6
TOTAL DRUG MENTIONS	843	230.3	938	238.7	1,334	233.6	1,298	211.7	-2.7

1 Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1991-1994

Selected demographic characteristics and drug groups	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
	CLEVELAND, OH								
Total drug abuse episodes	56	100.0	84	100.0	95	100.0	111	100.0	16.8
SEX									
Male.....	38	67.9	56	66.7	65	68.4	64	57.7	-1.5
Female.....	18	32.1	27	32.1	29	30.5	46	41.4	58.6
Unknown/no response	-	-	1	1.2	1	1.1	1	.9	...
RACE/ETHNICITY									
White.....	32	57.1	48	57.1	55	57.9	74	66.7	34.5
Black.....	23	41.1	35	41.7	39	41.1	37	33.3	-5.1
Hispanic.....	1	1.8	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-
Unknown/no response	-	-	1	1.2	1	1.1	-	-	-
AGE									
6 to 17 years	-	-	1	1.2	2	2.1	1	.9	...
18 to 25 years	2	3.6	5	6.0	1	1.1	4	3.6	...
26 to 34 years	20	35.7	18	21.4	17	17.9	17	15.3	.0
35 years and older	34	60.7	60	71.4	75	78.9	89	80.2	18.7
Unknown/no response	-	-	-	-	-	-	-	-	-
SELECTED DRUG GROUPS									
Alcohol-in-comb.	12	21.4	26	31.0	46	48.4	49	44.1	6.5
Amitriptyline	6	10.7	5	6.0	5	5.3	10	9.0	...
Cocaine	15	26.8	22	26.2	31	32.6	29	26.1	-6.5
Codeine	1	1.8	9	10.7	2	2.1	7	6.3	...
d-Propoxyphene	11	19.6	16	19.0	14	14.7	19	17.1	35.7
Diazepam	12	21.4	9	10.7	20	21.1	21	18.9	5.0
Diphenhydramine	6	10.7	12	14.3	3	3.2	5	4.5	...
Heroin/Morphine	13	23.2	22	26.2	37	38.9	44	39.6	18.9
Marijuana/Hashish	1	1.8	-	-	-	-	-	-	-
Methadone	1	1.8	3	3.6	1	1.1	3	2.7	...
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	-	-	1	1.2	1	1.1	-	-	...
All other drugs	30	53.6	49	58.3	47	49.5	75	67.6	59.6
TOTAL DRUG MENTIONS	108	192.9	174	207.1	207	217.9	262	236.0	26.6
	DALLAS, TX								
Total drug abuse episodes	168	100.0	215	100.0	389	100.0	323	100.0	-17.0
SEX									
Male.....	112	66.7	151	70.2	274	70.4	242	74.9	-11.7
Female.....	56	33.3	64	29.8	115	29.6	79	24.5	-31.3
Unknown/no response	-	-	-	-	-	-	2	.6	...
RACE/ETHNICITY									
White.....	135	80.4	160	74.4	262	67.4	208	64.4	-20.6
Black.....	23	13.7	38	17.7	93	23.9	71	22.0	-23.7
Hispanic.....	8	4.8	15	7.0	28	7.2	39	12.1	39.3
Other.....	2	1.2	2	.9	6	1.5	3	.9	...
Unknown/no response	-	-	-	-	-	-	2	.6	...
AGE									
6 to 17 years	5	3.0	4	1.9	11	2.8	6	1.9	-45.5
18 to 25 years	20	11.9	20	9.3	41	10.5	54	16.7	31.7
26 to 34 years	55	32.7	59	27.4	99	25.4	85	26.3	-14.1
35 years and older	88	52.4	132	61.4	238	61.2	177	54.8	-25.6
Unknown/no response	-	-	-	-	-	-	1	.3	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	61	36.3	87	40.5	165	42.4	145	44.9	-12.1
Amitriptyline	19	11.3	24	11.2	31	8.0	19	5.9	-38.7
Cocaine	69	41.1	78	36.3	129	33.2	106	32.8	-17.8
Codeine	5	3.0	10	4.7	27	6.9	9	2.8	-66.7
d-Propoxyphene	13	7.7	23	10.7	22	5.7	23	7.1	4.5
Diazepam	14	8.3	41	19.1	57	14.7	62	19.2	8.8
Diphenhydramine	26	15.5	40	18.6	75	19.3	47	14.6	-37.3
Heroin/Morphine	15	8.9	23	10.7	60	15.4	46	14.2	-23.3
Marijuana/Hashish	6	3.6	6	2.8	85	21.9	116	35.9	36.5
Methadone	2	1.2	2	.9	2	.5	4	1.2	...
Methamphetamine/Speed	2	1.2	7	3.3	5	1.3	9	2.8	...
PCP/PCP combinations	-	-	1	.5	2	.5	-	-	...
All other drugs	150	89.3	211	98.1	346	88.9	244	75.5	-29.5
TOTAL DRUG MENTIONS	382	227.4	553	257.2	1,006	258.6	830	257.0	-17.5

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1991-1994

Selected demographic characteristics and drug groups	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
DENVER, CO									
Total drug abuse episodes	47	100.0	52	100.0	53	100.0	64	100.0	20.8
SEX									
Male.....	29	61.7	30	57.7	35	66.0	38	59.4	8.6
Female.....	17	36.2	20	38.5	17	32.1	22	34.4	29.4
Unknown/no response	1	2.1	2	3.8	1	1.9	4	6.3	...
RACE/ETHNICITY									
White.....	34	72.3	37	71.2	34	64.2	38	59.4	11.8
Black.....	3	6.4	4	7.7	5	9.4	8	12.5	...
Hispanic.....	8	17.0	10	19.2	13	24.5	17	26.6	30.8
Other.....	2	4.3	1	1.9	1	1.9	1	1.6	...
Unknown/no response	-	-	-	-	-	-	-	-	-
AGE									
6 to 17 years	3	6.4	2	3.8	-	-	-	-	-
18 to 25 years	4	8.5	4	7.7	6	11.3	8	12.5	...
26 to 34 years	10	21.3	13	25.0	16	30.2	10	15.6	-37.5
35 years and older	29	61.7	32	61.5	31	58.5	45	70.3	45.2
Unknown/no response	1	2.1	1	1.9	-	-	1	1.6	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	27	57.4	23	44.2	22	41.5	30	46.9	36.4
Amitriptyline	1	2.1	4	7.7	3	5.7	5	7.8	...
Cocaine	13	27.7	16	30.8	16	30.2	28	43.8	75.0
Codeine	3	6.4	1	1.9	-	-	6	9.4	...
d-Propoxyphene	5	10.6	2	3.8	3	5.7	1	1.6	...
Diazepam	6	12.8	5	9.6	3	5.7	8	12.5	...
Diphenhydramine	1	2.1	-	-	1	1.9	3	4.7	...
Heroin/Morphine ¹	13	27.7	13	25.0	17	32.1	22	34.4	29.4
Marijuana/Hashish	-	-	1	1.9	4	7.5	1	1.6	...
Methadone	-	-	4	7.7	5	9.4	5	7.8	...
Methamphetamine/Speed	-	-	1	1.9	2	3.8	-	-	...
PCP/PCP combinations	-	-	-	-	-	-	-	-	...
All other drugs	19	40.4	28	53.8	25	47.2	40	62.5	60.0
TOTAL DRUG MENTIONS	88	187.2	98	188.5	101	190.6	149	232.8	47.5
DETROIT, MI									
Total drug abuse episodes	263	100.0	322	100.0	300	100.0	289	100.0	-3.7
SEX									
Male.....	174	66.2	225	69.9	198	66.0	218	75.4	10.1
Female.....	88	33.5	96	29.8	101	33.7	71	24.6	-29.7
Unknown/no response	1	.4	1	.3	1	.3	-	-	...
RACE/ETHNICITY									
White.....	167	63.5	210	65.2	177	59.0	179	61.9	1.1
Black.....	92	35.0	111	34.5	121	40.3	107	37.0	-11.6
Hispanic.....	1	.4	1	.3	2	.7	3	1.0	...
Other.....	3	1.1	-	-	-	-	-	-	...
Unknown/no response	-	-	-	-	-	-	-	-	-
AGE									
6 to 17 years	5	1.9	6	1.9	3	1.0	2	.7	...
18 to 25 years	26	9.9	21	6.5	21	7.0	24	8.3	14.3
26 to 34 years	78	29.7	86	26.7	82	27.3	65	22.5	-20.7
35 years and older	154	58.6	209	64.9	193	64.3	198	68.5	2.6
Unknown/no response	-	-	-	-	1	.3	-	-	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	91	34.6	121	37.6	127	42.3	128	44.3	.8
Amitriptyline	17	6.5	32	9.9	14	4.7	15	5.2	7.1
Cocaine	85	32.3	113	35.1	133	44.3	121	41.9	-9.0
Codeine	42	16.0	38	11.8	31	10.3	38	13.1	22.6
d-Propoxyphene	24	9.1	31	9.6	20	6.7	23	8.0	15.0
Diazepam	41	15.6	41	12.7	26	8.7	38	13.1	46.2
Diphenhydramine	11	4.2	18	5.6	18	6.0	19	6.6	5.6
Heroin/Morphine ¹	82	31.2	101	31.4	112	37.3	109	37.7	-2.7
Marijuana/Hashish	41	15.6	54	16.8	43	14.3	46	15.9	7.0
Methadone	20	7.6	35	10.9	28	9.3	16	5.5	-42.9
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	-	-	1	.3	-	-	-	-	-
All other drugs	204	77.6	286	88.8	199	66.3	185	64.0	-7.0
TOTAL DRUG MENTIONS	658	250.2	871	270.5	751	250.3	738	255.4	-1.7

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1991-1994

Selected demographic characteristics and drug groups	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
	INDIANAPOLIS, IN								
Total drug abuse episodes	23	100.0	11	100.0	29	100.0	13	100.0	-55.2
SEX									
Male.....	10	43.5	7	63.6	20	69.0	8	61.5	-60.0
Female.....	13	56.5	4	36.4	9	31.0	5	38.5	...
Unknown/no response	-	-	-	-	-	-	-	-	-
RACE/ETHNICITY									
White.....	12	52.2	6	54.5	18	62.1	7	53.8	-61.1
Black.....	10	43.5	4	36.4	11	37.9	6	46.2	-45.5
Hispanic.....	-	-	-	-	-	-	-	-	-
Other.....	1	4.3	1	9.1	-	-	-	-	-
Unknown/no response	-	-	-	-	-	-	-	-	-
AGE									
6 to 17 years	-	-	-	-	2	6.9	-	-	...
18 to 25 years	2	8.7	-	-	-	-	-	-	...
26 to 34 years	8	34.8	5	45.5	2	6.9	2	15.4	...
35 years and older	13	56.5	6	54.5	25	86.2	11	84.6	-56.0
Unknown/no response	-	-	-	-	-	-	-	-	-
SELECTED DRUG GROUPS									
Alcohol-in-comb.	6	26.1	4	36.4	15	51.7	5	38.5	-66.7
Amitriptyline	5	21.7	-	-	3	10.3	2	15.4	...
Cocaine	7	30.4	5	45.5	12	41.4	5	38.5	-58.3
Codeine	5	21.7	2	18.2	3	10.3	-	-	...
d-Propoxyphene	4	17.4	4	36.4	6	20.7	4	30.8	...
Diazepam	3	13.0	2	18.2	1	3.4	1	7.7	...
Diphenhydramine	1	4.3	-	-	1	3.4	-	-	...
Heroin/Morphine ¹	5	21.7	2	18.2	7	24.1	-	-	...
Marijuana/Hashish	-	-	-	-	-	-	-	-	-
Methadone	-	-	-	-	1	3.4	-	-	...
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	-	-	-	-	-	-	-	-	-
All other drugs	25	108.7	4	36.4	24	82.8	11	84.6	-54.2
TOTAL DRUG MENTIONS	61	265.2	23	209.1	73	251.7	28	215.4	-61.6
	KANSAS CITY, KS/MO								
Total drug abuse episodes	60	100.0	27	100.0	35	100.0	57	100.0	62.9
SEX									
Male.....	43	71.7	14	51.9	19	54.3	43	75.4	126.3
Female.....	16	26.7	12	44.4	16	45.7	14	24.6	-12.5
Unknown/no response	1	1.7	1	3.7	-	-	-	-	-
RACE/ETHNICITY									
White.....	48	80.0	21	77.8	27	77.1	40	70.2	48.1
Black.....	10	16.7	6	22.2	8	22.9	17	29.8	...
Hispanic.....	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-
Unknown/no response	2	3.3	-	-	-	-	-	-	-
AGE									
6 to 17 years	1	1.7	1	3.7	2	5.7	2	3.5	...
18 to 25 years	3	5.0	4	14.8	6	17.1	3	5.3	...
26 to 34 years	18	30.0	7	25.9	10	28.6	16	28.1	60.0
35 years and older	37	61.7	15	55.6	17	48.6	36	63.2	118.8
Unknown/no response	1	1.7	-	-	-	-	-	-	-
SELECTED DRUG GROUPS									
Alcohol-in-comb.	22	36.7	8	29.6	11	31.4	18	31.6	63.6
Amitriptyline	13	21.7	2	7.4	4	11.4	1	1.8	...
Cocaine	21	35.0	7	25.9	7	20.0	17	29.8	...
Codeine	2	3.3	-	-	1	2.9	-	-	...
d-Propoxyphene	3	5.0	1	3.7	2	5.7	1	1.8	...
Diazepam	2	3.3	-	-	1	2.9	1	1.8	...
Diphenhydramine	1	1.7	-	-	-	-	1	1.8	...
Heroin/Morphine ¹	8	13.3	-	-	3	8.6	7	12.3	...
Marijuana/Hashish	7	11.7	4	14.8	3	8.6	3	5.3	...
Methadone	4	6.7	-	-	-	-	2	3.5	...
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	1	1.7	1	3.7	2	5.7	3	5.3	...
All other drugs	48	80.0	27	100.0	42	120.0	46	80.7	9.5
TOTAL DRUG MENTIONS	132	220.0	50	185.2	76	217.1	100	175.4	31.6

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1991-1994

Selected demographic characteristics and drug groups	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
LOS ANGELES, CA									
Total drug abuse episodes	924	100.0	1,094	100.0	1,083	100.0	1,080	100.0	-0.3
SEX									
Male.....	646	69.9	811	74.1	837	77.3	813	75.3	-2.9
Female.....	276	29.9	283	25.9	246	22.7	267	24.7	8.5
Unknown/no response	2	.2	-	-	-	-	-	-	-
RACE/ETHNICITY									
White.....	534	57.8	533	48.7	536	49.5	506	46.9	-5.6
Black.....	180	19.5	246	22.5	192	17.7	250	23.1	30.2
Hispanic.....	190	20.6	295	27.0	331	30.6	303	28.1	-8.5
Other.....	13	1.4	18	1.6	23	2.1	20	1.9	-13.0
Unknown/no response	7	.8	2	.2	1	.1	1	.1	...
AGE									
6 to 17 years	9	1.0	7	.6	6	.6	11	1.0	...
18 to 25 years	102	11.0	101	9.2	103	9.5	78	7.2	-24.3
26 to 34 years	250	27.1	294	26.9	275	25.4	267	24.7	-2.9
35 years and older	555	60.1	692	63.3	699	64.5	724	67.0	3.6
Unknown/no response	8	.9	-	-	-	-	-	-	-
SELECTED DRUG GROUPS									
Alcohol-in-comb.	345	37.3	455	41.6	430	39.7	381	35.3	-11.4
Amitriptyline	85	9.2	65	5.9	51	4.7	65	6.0	27.5
Cocaine	404	43.7	558	51.0	470	43.4	517	47.9	10.0
Codeine	176	19.0	212	19.4	167	15.4	170	15.7	1.8
d-Propoxyphene	43	4.7	53	4.8	31	2.9	36	3.3	16.1
Diazepam	49	5.3	72	6.6	52	4.8	34	3.1	-34.6
Diphenhydramine	36	3.9	51	4.7	41	3.8	37	3.4	-9.8
Heroin/Morphine 1	317	34.3	457	41.8	534	49.3	472	43.7	-11.6
Marijuana/Hashish	1	.1	1	.1	1	.1	2	.2	...
Methadone	28	3.0	35	3.2	27	2.5	23	2.1	-14.8
Methamphetamine/Speed	63	6.8	55	5.0	126	11.6	134	12.4	6.3
PCP/PCP combinations	40	4.3	65	5.9	68	6.3	35	3.2	-48.5
All other drugs	625	67.6	741	67.7	693	64.0	664	61.5	-4.2
TOTAL DRUG MENTIONS	2,212	239.4	2,820	257.8	2,691	248.5	2,570	238.0	-4.5
MIAMI, FL									
Total drug abuse episodes	183	100.0	141	100.0	184	100.0	169	100.0	-8.2
SEX									
Male.....	130	71.0	109	77.3	142	77.2	130	76.9	-8.5
Female.....	53	29.0	32	22.7	42	22.8	39	23.1	-7.1
Unknown/no response	-	-	-	-	-	-	-	-	-
RACE/ETHNICITY									
White.....	93	50.8	66	46.8	81	44.0	73	43.2	-9.9
Black.....	39	21.3	40	28.4	67	36.4	61	36.1	-9.0
Hispanic.....	45	24.6	35	24.8	36	19.6	35	20.7	-2.8
Other.....	2	1.1	-	-	-	-	-	-	-
Unknown/no response	4	2.2	-	-	-	-	-	-	-
AGE									
6 to 17 years	1	.5	1	.7	2	1.1	4	2.4	...
18 to 25 years	14	7.7	12	8.5	15	8.2	12	7.1	-20.0
26 to 34 years	51	27.9	44	31.2	37	20.1	41	24.3	10.8
35 years and older	117	63.9	84	59.6	129	70.1	112	66.3	-13.2
Unknown/no response	-	-	-	-	1	.5	-	-	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	51	27.9	48	34.0	65	35.3	55	32.5	-15.4
Amitriptyline	8	4.4	8	5.7	5	2.7	7	4.1	...
Cocaine	126	68.9	103	73.0	150	81.5	141	83.4	-6.0
Codeine	11	6.0	18	12.8	13	7.1	18	10.7	38.5
d-Propoxyphene	9	4.9	7	5.0	9	4.9	4	2.4	...
Diazepam	28	15.3	18	12.8	13	7.1	15	8.9	15.4
Diphenhydramine	11	6.0	9	6.4	8	4.3	10	5.9	...
Heroin/Morphine 1	16	8.7	25	17.7	28	15.2	32	18.9	14.3
Marijuana/Hashish	3	1.6	2	1.4	1	.5	4	2.4	...
Methadone	4	2.2	4	2.8	1	.5	2	1.2	...
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	-	-	-	-	-	-	-	-	-
All other drugs	243	132.8	175	124.1	159	86.4	153	90.5	-3.8
TOTAL DRUG MENTIONS	510	278.7	417	295.7	452	245.7	441	260.9	-2.4

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1991-1994

Selected demographic characteristics and drug groups	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
MINNEAPOLIS, MN									
Total drug abuse episodes	72	100.0	52	100.0	64	100.0	69	100.0	7.8
SEX									
Male.....	42	58.3	30	57.7	40	62.5	46	66.7	15.0
Female.....	30	41.7	21	40.4	23	35.9	23	33.3	.0
Unknown/no response	-	-	1	1.9	1	1.6	-	-	...
RACE/ETHNICITY									
White.....	67	93.1	48	92.3	56	87.5	56	81.2	.0
Black.....	5	6.9	3	5.8	2	3.1	4	5.8	...
Hispanic.....	-	-	-	-	-	-	3	4.3	...
Other.....	-	-	1	1.9	5	7.8	5	7.2	...
Unknown/no response	-	-	-	-	1	1.6	1	1.4	...
AGE									
6 to 17 years	1	1.4	3	5.8	2	3.1	1	1.4	...
18 to 25 years	7	9.7	7	13.5	11	17.2	12	17.4	9.1
26 to 34 years	23	31.9	8	15.4	18	28.1	20	29.0	11.1
35 years and older	41	56.9	33	63.5	33	51.6	36	52.2	9.1
Unknown/no response	-	-	1	1.9	-	-	-	-	-
SELECTED DRUG GROUPS									
Alcohol-in-comb.	23	31.9	13	25.0	15	23.4	23	33.3	53.3
Amitriptyline	13	18.1	6	11.5	5	7.8	10	14.5	...
Cocaine	10	13.9	9	17.3	9	14.1	12	17.4	...
Codeine	4	5.6	-	-	1	1.6	3	4.3	...
d-Propoxyphene	4	5.6	3	5.8	6	9.4	6	8.7	...
Diazepam	-	-	1	1.9	-	-	2	2.9	...
Diphenhydramine	5	6.9	2	3.8	3	4.7	3	4.3	...
Heroin/Morphine ¹	13	18.1	8	15.4	9	14.1	7	10.1	...
Marijuana/Hashish	7	9.7	7	13.5	7	10.9	11	15.9	...
Methadone	1	1.4	1	1.9	2	3.1	2	2.9	...
Methamphetamine/Speed	-	-	-	-	1	1.6	3	4.3	...
PCP/PCP combinations	-	-	-	-	-	-	-	-	-
All other drugs	53	73.6	42	80.8	64	100.0	53	76.8	-17.2
TOTAL DRUG MENTIONS	133	184.7	92	176.9	122	190.6	135	195.7	10.7
NEW ORLEANS, LA									
Total drug abuse episodes	58	100.0	67	100.0	69	100.0	115	100.0	66.7
SEX									
Male.....	47	81.0	52	77.6	50	72.5	87	75.7	74.0
Female.....	10	17.2	14	20.9	18	26.1	28	24.3	55.6
Unknown/no response	1	1.7	1	1.5	1	1.4	-	-	...
RACE/ETHNICITY									
White.....	35	60.3	32	47.8	43	62.3	75	65.2	74.4
Black.....	23	39.7	32	47.8	25	36.2	39	33.9	56.0
Hispanic.....	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	1	1.4	1	.9	...
Unknown/no response	-	-	3	4.5	-	-	-	-	...
AGE									
6 to 17 years	1	1.7	2	3.0	-	-	2	1.7	...
18 to 25 years	12	20.7	6	9.0	10	14.5	25	21.7	150.0
26 to 34 years	14	24.1	24	35.8	19	27.5	31	27.0	63.2
35 years and older	30	51.7	33	49.3	38	55.1	57	49.6	50.0
Unknown/no response	1	1.7	2	3.0	2	2.9	-	-	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	19	32.8	23	34.3	28	40.6	51	44.3	82.1
Amitriptyline	2	3.4	1	1.5	-	-	2	1.7	...
Cocaine	34	58.6	33	49.3	42	60.9	57	49.6	35.7
Codeine	1	1.7	-	-	4	5.8	-	-	...
d-Propoxyphene	2	3.4	11	16.4	4	5.8	6	5.2	...
Diazepam	1	1.7	1	1.5	2	2.9	-	-	...
Diphenhydramine	2	3.4	4	6.0	2	2.9	-	-	...
Heroin/Morphine ¹	3	5.2	8	11.9	20	29.0	25	21.7	25.0
Marijuana/Hashish	2	3.4	8	11.9	5	7.2	23	20.0	...
Methadone	7	12.1	2	3.0	2	2.9	1	.9	...
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	1	1.7	4	6.0	1	1.4	4	3.5	...
All other drugs	45	77.6	28	41.8	32	46.4	59	51.3	84.4
TOTAL DRUG MENTIONS	119	205.2	123	183.6	142	205.8	228	198.3	60.6

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1991-1994

Selected demographic characteristics and drug groups	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
	NEW YORK, NY								
Total drug abuse episodes	1,446	100.0	1,400	100.0	1,469	100.0	1,158	100.0	-21.2
SEX									
Male.....	1,067	73.8	1,105	78.9	1,175	80.0	930	80.3	-20.9
Female.....	378	26.1	278	19.9	287	19.5	225	19.4	-21.6
Unknown/no response	1	.1	17	1.2	7	.5	3	.3	...
RACE/ETHNICITY									
White.....	515	35.6	545	38.9	596	40.6	503	43.4	-15.6
Black.....	520	36.0	468	33.4	471	32.1	367	31.7	-22.1
Hispanic.....	386	26.7	370	26.4	377	25.7	268	23.1	-28.9
Other.....	22	1.5	14	1.0	19	1.3	12	1.0	-36.8
Unknown/no response	3	.2	3	.2	6	.4	8	.7	...
AGE									
6 to 17 years	6	.4	10	.7	9	.6	14	1.2	...
18 to 25 years	149	10.3	127	9.1	142	9.7	92	7.9	-35.2
26 to 34 years	480	33.2	409	29.2	417	28.4	314	27.1	-24.7
35 years and older	805	55.7	853	60.9	899	61.2	735	63.5	-18.2
Unknown/no response	6	.4	1	.1	2	.1	3	.3	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	508	35.1	550	39.3	578	39.3	400	34.5	-30.8
Amitriptyline	86	5.9	40	2.9	28	1.9	30	2.6	7.1
Cocaine	806	55.7	733	52.4	818	55.7	638	55.1	-22.0
Codeine	13	.9	51	3.6	29	2.0	35	3.0	20.7
d-Propoxyphene	26	1.8	23	1.6	3	.2	11	.9	...
Diazepam	124	8.6	31	2.2	24	1.6	43	3.7	79.2
Diphenhydramine	29	2.0	22	1.6	10	.7	14	1.2	40.0
Heroin/Morphine	583	40.3	681	48.6	796	54.2	531	45.9	-33.3
Marijuana/Hashish	73	5.0	127	9.1	154	10.5	189	16.3	22.7
Methadone	231	16.0	198	14.1	238	16.2	156	13.5	-34.5
Methamphetamine/Speed	-	-	1	.1	1	.1	-	-	...
PCP/PCP combinations	5	.3	6	.4	7	.5	6	.5	...
All other drugs	960	66.4	385	27.5	330	22.5	389	33.6	17.9
TOTAL DRUG MENTIONS	3,444	238.2	2,848	203.4	3,016	205.3	2,442	210.9	-19.0
	NEWARK, NJ								
Total drug abuse episodes	195	100.0	178	100.0	187	100.0	201	100.0	7.5
SEX									
Male.....	149	76.4	144	80.9	145	77.5	163	81.1	12.4
Female.....	45	23.1	34	19.1	42	22.5	38	18.9	-9.5
Unknown/no response	1	.5	-	-	-	-	-	-	-
RACE/ETHNICITY									
White.....	71	36.4	74	41.6	60	32.1	69	34.3	15.0
Black.....	111	56.9	82	46.1	103	55.1	111	55.2	7.8
Hispanic.....	12	6.2	20	11.2	22	11.8	18	9.0	-18.2
Other.....	-	-	-	-	1	.5	2	1.0	...
Unknown/no response	1	.5	2	1.1	1	.5	1	.5	...
AGE									
6 to 17 years	3	1.5	1	.6	1	.5	2	1.0	...
18 to 25 years	32	16.4	20	11.2	19	10.2	25	12.4	31.6
26 to 34 years	68	34.9	63	35.4	59	31.6	62	30.8	5.1
35 years and older	91	46.7	92	51.7	102	54.5	109	54.2	6.9
Unknown/no response	1	.5	2	1.1	6	3.2	3	1.5	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	87	44.6	84	47.2	83	44.4	91	45.3	9.6
Amitriptyline	6	3.1	7	3.9	8	4.3	4	2.0	...
Cocaine	137	70.3	123	69.1	126	67.4	130	64.7	3.2
Codeine	61	31.3	16	9.0	17	9.1	11	5.5	-35.3
d-Propoxyphene	4	2.1	4	2.2	4	2.1	3	1.5	...
Diazepam	14	7.2	21	11.8	7	3.7	18	9.0	...
Diphenhydramine	1	.5	-	-	-	-	1	.5	...
Heroin/Morphine	68	34.9	81	45.5	105	56.1	119	59.2	13.3
Marijuana/Hashish	7	3.6	11	6.2	9	4.8	9	4.5	.0
Methadone	14	7.2	14	7.9	11	5.9	12	6.0	9.1
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	2	1.0	-	-	-	-	1	.5	...
All other drugs	76	39.0	44	24.7	35	18.7	31	15.4	-11.4
TOTAL DRUG MENTIONS	477	244.6	405	227.5	405	216.6	430	213.9	6.2

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1991-1994

Selected demographic characteristics and drug groups	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
	NORFOLK, VA								
Total drug abuse episodes	20	100.0	46	100.0	37	100.0	44	100.0	18.9
SEX									
Male.....	18	90.0	37	80.4	28	75.7	29	65.9	3.6
Female.....	2	10.0	7	15.2	9	24.3	15	34.1	...
Unknown/no response	-	-	2	4.3	-	-	-	-	-
RACE/ETHNICITY									
White.....	10	50.0	34	73.9	22	59.5	34	77.3	54.5
Black.....	10	50.0	11	23.9	15	40.5	10	22.7	-33.3
Hispanic.....	-	-	-	-	-	-	-	-	-
Other.....	-	-	-	-	-	-	-	-	-
Unknown/no response	-	-	1	2.2	-	-	-	-	-
AGE									
6 to 17 years	-	-	1	2.2	-	-	2	4.5	...
18 to 25 years	2	10.0	4	8.7	2	5.4	1	2.3	...
26 to 34 years	6	30.0	5	10.9	13	35.1	18	40.9	38.5
35 years and older	12	60.0	36	78.3	22	59.5	22	50.0	.0
Unknown/no response	-	-	-	-	-	-	1	2.3	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	13	65.0	17	37.0	17	45.9	19	43.2	11.8
Amitriptyline	-	-	2	4.3	-	-	3	6.8	...
Cocaine	9	45.0	21	45.7	22	59.5	20	45.5	-9.1
Codeine	-	-	2	4.3	7	18.9	-	-	...
d-Propoxyphene	-	-	2	4.3	1	2.7	5	11.4	...
Diazepam	1	5.0	4	8.7	2	5.4	2	4.5	...
Diphenhydramine	2	10.0	3	6.5	-	-	1	2.3	...
Heroin/Morphine	9	45.0	18	39.1	23	62.2	14	31.8	-39.1
Marijuana/Hashish	-	-	-	-	-	-	-	-	-
Methadone	-	-	-	-	2	5.4	-	-	...
Methamphetamine/Speed	-	-	-	-	-	-	-	-	-
PCP/PCP combinations	-	-	-	-	-	-	-	-	-
All other drugs	12	60.0	29	63.0	11	29.7	30	68.2	172.7
TOTAL DRUG MENTIONS	46	230.0	98	213.0	85	229.7	94	213.6	10.6
	PHILADELPHIA, NJ/PA								
Total drug abuse episodes	591	100.0	667	100.0	759	100.0	724	100.0	-4.6
SEX									
Male.....	479	81.0	524	78.6	609	80.2	578	79.8	-5.1
Female.....	110	18.6	138	20.7	149	19.6	146	20.2	-2.0
Unknown/no response	2	.3	5	.7	1	.1	-	-	...
RACE/ETHNICITY									
White.....	339	57.4	370	55.5	438	57.7	410	56.6	-6.4
Black.....	214	36.2	254	38.1	276	36.4	265	36.6	-4.0
Hispanic.....	33	5.6	37	5.5	41	5.4	44	6.1	7.3
Other.....	2	.3	4	.6	2	.3	1	.1	...
Unknown/no response	3	.5	2	.3	2	.3	4	.6	...
AGE									
6 to 17 years	8	1.4	6	.9	5	.7	8	1.1	...
18 to 25 years	65	11.0	87	13.0	76	10.0	74	10.2	-2.6
26 to 34 years	207	35.0	218	32.7	196	25.8	196	27.1	.0
35 years and older	311	52.6	354	53.1	482	63.5	445	61.5	-7.7
Unknown/no response	-	-	2	.3	-	-	1	.1	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	193	32.7	233	34.9	271	35.7	263	36.3	-3.0
Amitriptyline	21	3.6	12	1.8	37	4.9	17	2.3	-54.1
Cocaine	309	52.3	393	58.9	426	56.1	412	56.9	-3.3
Codeine	115	19.5	91	13.6	90	11.9	175	24.2	94.4
d-Propoxyphene	43	7.3	43	6.4	53	7.0	54	7.5	1.9
Diazepam	90	15.2	134	20.1	105	13.8	119	16.4	13.3
Diphenhydramine	15	2.5	12	1.8	23	3.0	24	3.3	4.2
Heroin/Morphine	240	40.6	298	44.7	412	54.3	402	55.5	-2.4
Marijuana/Hashish	17	2.9	15	2.2	20	2.6	19	2.6	-5.0
Methadone	20	3.4	13	1.9	30	4.0	31	4.3	3.3
Methamphetamine/Speed	10	1.7	18	2.7	25	3.3	17	2.3	-32.0
PCP/PCP combinations	19	3.2	17	2.5	34	4.5	35	4.8	2.9
All other drugs	374	63.3	381	57.1	437	57.6	468	64.6	7.1
TOTAL DRUG MENTIONS	1,466	248.1	1,660	248.9	1,963	258.6	2,036	281.2	3.7

1 Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1991-1994

Selected demographic characteristics and drug groups	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
PHOENIX, AZ									
Total drug abuse episodes	143	100.0	198	100.0	242	100.0	354	100.0	46.3
SEX									
Male.....	99	69.2	152	76.8	153	63.2	258	72.9	68.6
Female.....	43	30.1	44	22.2	76	31.4	94	26.6	23.7
Unknown/no response	1	.7	2	1.0	13	5.4	2	.6	-84.6
RACE/ETHNICITY									
White.....	126	88.1	184	92.9	157	64.9	290	81.9	84.7
Black.....	11	7.7	9	4.5	18	7.4	18	5.1	.0
Hispanic.....	1	.7	-	-	32	13.2	37	10.5	15.6
Other.....	2	1.4	4	2.0	3	1.2	8	2.3	...
Unknown/no response	3	2.1	1	.5	32	13.2	1	.3	-96.9
AGE									
6 to 17 years	4	2.8	1	.5	6	2.5	2	.6	...
18 to 25 years	12	8.4	14	7.1	20	8.3	34	9.6	70.0
26 to 34 years	55	38.5	56	28.3	63	26.0	81	22.9	28.6
35 years and older	67	46.9	125	63.1	146	60.3	229	64.7	56.8
Unknown/no response	5	3.5	2	1.0	7	2.9	8	2.3	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	50	35.0	74	37.4	82	33.9	124	35.0	51.2
Amitriptyline	8	5.6	11	5.6	19	7.9	22	6.2	15.8
Cocaine	44	30.8	45	22.7	48	19.8	64	18.1	33.3
Codeine	5	3.5	6	3.0	9	3.7	12	3.4	...
d-Propoxyphene	10	7.0	9	4.5	14	5.8	15	4.2	7.1
Diazepam	12	8.4	11	5.6	26	10.7	40	11.3	53.8
Diphenhydramine	6	4.2	7	3.5	18	7.4	26	7.3	44.4
Heroin/Morphine ¹	41	28.7	73	36.9	66	27.3	89	25.1	34.8
Marijuana/Hashish	-	-	-	-	-	-	-	-	-
Methadone	9	6.3	11	5.6	10	4.1	18	5.1	80.0
Methamphetamine/Speed	8	5.6	16	8.1	37	15.3	76	21.5	105.4
PCP/PCP combinations	-	-	1	.5	2	.8	-	-	...
All other drugs	98	68.5	143	72.2	224	92.6	299	84.5	33.5
TOTAL DRUG MENTIONS	291	203.5	407	205.6	555	229.3	785	221.8	41.4
ST. LOUIS, IL/MO									
Total drug abuse episodes	201	100.0	228	100.0	249	100.0	231	100.0	-7.2
SEX									
Male.....	138	68.7	171	75.0	183	73.5	171	74.0	-6.6
Female.....	57	28.4	53	23.2	66	26.5	58	25.1	-12.1
Unknown/no response	6	3.0	4	1.8	-	-	2	.9	...
RACE/ETHNICITY									
White.....	128	63.7	160	70.2	177	71.1	146	63.2	-17.5
Black.....	69	34.3	60	26.3	62	24.9	79	34.2	27.4
Hispanic.....	-	-	1	.4	-	-	-	-	-
Other.....	1	.5	2	.9	2	.8	-	-	...
Unknown/no response	3	1.5	5	2.2	8	3.2	6	2.6	...
AGE									
6 to 17 years	2	1.0	2	.9	7	2.8	6	2.6	...
18 to 25 years	20	10.0	24	10.5	22	8.8	17	7.4	-22.7
26 to 34 years	64	31.8	57	25.0	67	26.9	67	29.0	.0
35 years and older	113	56.2	145	63.6	153	61.4	140	60.6	-8.5
Unknown/no response	2	1.0	-	-	-	-	1	.4	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	59	29.4	61	26.8	81	32.5	62	26.8	-23.5
Amitriptyline	21	10.4	15	6.6	16	6.4	18	7.8	12.5
Cocaine	72	35.8	67	29.4	78	31.3	100	43.3	28.2
Codeine	19	9.5	12	5.3	14	5.6	22	9.5	57.1
d-Propoxyphene	23	11.4	22	9.6	21	8.4	15	6.5	-28.6
Diazepam	52	25.9	43	18.9	49	19.7	34	14.7	-30.6
Diphenhydramine	12	6.0	24	10.5	37	14.9	16	6.9	-56.8
Heroin/Morphine ¹	48	23.9	42	18.4	36	14.5	42	18.2	16.7
Marijuana/Hashish	13	6.5	29	12.7	32	12.9	42	18.2	31.3
Methadone	3	1.5	14	6.1	3	1.2	3	1.3	...
Methamphetamine/Speed	2	1.0	1	.4	5	2.0	7	3.0	...
PCP/PCP combinations	2	1.0	2	.9	4	1.6	3	1.3	...
All other drugs	212	105.5	241	105.7	222	89.2	157	68.0	-29.3
TOTAL DRUG MENTIONS	538	267.7	573	251.3	598	240.2	521	225.5	-12.9

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1991-1994

Selected demographic characteristics and drug groups	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
	SAN ANTONIO, TX								
Total drug abuse episodes	102	100.0	95	100.0	69	100.0	69	100.0	0.0
SEX									
Male.....	75	73.5	70	73.7	55	79.7	59	85.5	7.3
Female.....	27	26.5	24	25.3	14	20.3	10	14.5	-28.6
Unknown/no response	-	-	1	1.1	-	-	-	-	-
RACE/ETHNICITY									
White.....	45	44.1	45	47.4	28	40.6	28	40.6	.0
Black.....	11	10.8	11	11.6	5	7.2	5	7.2	...
Hispanic.....	45	44.1	39	41.1	34	49.3	36	52.2	5.9
Other.....	-	-	-	-	-	-	-	-	-
Unknown/no response	1	1.0	-	-	2	2.9	-	-	...
AGE									
6 to 17 years	-	-	6	6.3	1	1.4	2	2.9	...
18 to 25 years	17	16.7	10	10.5	14	20.3	10	14.5	-28.6
26 to 34 years	33	32.4	37	38.9	22	31.9	23	33.3	4.5
35 years and older	52	51.0	42	44.2	31	44.9	33	47.8	6.5
Unknown/no response	-	-	-	-	1	1.4	1	1.4	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	45	44.1	45	47.4	40	58.0	29	42.0	-27.5
Amitriptyline	9	8.8	2	2.1	1	1.4	4	5.8	...
Cocaine	47	46.1	61	64.2	42	60.9	51	73.9	21.4
Codeine	10	9.8	2	2.1	8	11.6	11	15.9	...
d-Propoxyphene	6	5.9	9	9.5	1	1.4	7	10.1	...
Diazepam	15	14.7	11	11.6	4	5.8	7	10.1	...
Diphenhydramine	2	2.0	1	1.1	1	1.4	1	1.4	...
Heroin/Morphine	34	33.3	23	24.2	30	43.5	30	43.5	.0
Marijuana/Hashish	4	3.9	9	9.5	4	5.8	6	8.7	...
Methadone	10	9.8	10	10.5	1	1.4	2	2.9	...
Methamphetamine/Speed	4	3.9	3	3.2	-	-	-	-	-
PCP/PCP combinations	-	-	-	-	-	-	-	-	-
All other drugs	40	39.2	47	49.5	18	26.1	37	53.6	105.6
TOTAL DRUG MENTIONS	226	221.6	223	234.7	150	217.4	185	268.1	23.3
	SAN DIEGO, CA								
Total drug abuse episodes	212	100.0	270	100.0	251	100.0	335	100.0	33.5
SEX									
Male.....	156	73.6	187	69.3	203	80.9	256	76.4	26.1
Female.....	56	26.4	82	30.4	47	18.7	79	23.6	68.1
Unknown/no response	-	-	1	.4	1	.4	-	-	...
RACE/ETHNICITY									
White.....	144	67.9	194	71.9	175	69.7	248	74.0	41.7
Black.....	25	11.8	12	4.4	20	8.0	24	7.2	20.0
Hispanic.....	34	16.0	53	19.6	51	20.3	55	16.4	7.8
Other.....	6	2.8	11	4.1	4	1.6	6	1.8	...
Unknown/no response	3	1.4	-	-	1	.4	2	.6	...
AGE									
6 to 17 years	4	1.9	3	1.1	1	.4	2	.6	...
18 to 25 years	21	9.9	24	8.9	22	8.8	41	12.2	86.4
26 to 34 years	60	28.3	88	32.6	80	31.9	72	21.5	-10.0
35 years and older	126	59.4	154	57.0	148	59.0	218	65.1	47.3
Unknown/no response	1	.5	1	.4	-	-	2	.6	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	77	36.3	99	36.7	94	37.5	121	36.1	28.7
Amitriptyline	7	3.3	14	5.2	2	.8	10	3.0	...
Cocaine	67	31.6	84	31.1	95	37.8	106	31.6	11.6
Codeine	67	31.6	143	53.0	122	48.6	118	35.2	-3.3
d-Propoxyphene	9	4.2	8	3.0	6	2.4	16	4.8	...
Diazepam	27	12.7	36	13.3	10	4.0	27	8.1	170.0
Diphenhydramine	3	1.4	6	2.2	5	2.0	6	1.8	...
Heroin/Morphine	108	50.9	161	59.6	136	54.2	149	44.5	9.6
Marijuana/Hashish	2	.9	-	-	-	-	-	-	-
Methadone	3	1.4	5	1.9	3	1.2	3	.9	...
Methamphetamine/Speed	34	16.0	71	26.3	77	30.7	115	34.3	49.4
PCP/PCP combinations	1	.5	1	.4	6	2.4	1	.3	...
All other drugs	123	58.0	177	65.6	156	62.2	224	66.9	43.6
TOTAL DRUG MENTIONS	528	249.1	805	298.1	712	283.7	896	267.5	25.8

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1991-1994

Selected demographic characteristics and drug groups	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
SAN FRANCISCO, CA									
Total drug abuse episodes	268	100.0	398	100.0	341	100.0	342	100.0	0.3
SEX									
Male.....	197	73.5	307	77.1	254	74.5	250	73.1	-1.6
Female.....	70	26.1	89	22.4	85	24.9	90	26.3	5.9
Unknown/no response	1	.4	2	.5	2	.6	2	.6	...
RACE/ETHNICITY									
White.....	182	67.9	268	67.3	250	73.3	260	76.0	4.0
Black.....	50	18.7	63	15.8	57	16.7	58	17.0	1.8
Hispanic.....	26	9.7	48	12.1	24	7.0	15	4.4	-37.5
Other.....	10	3.7	19	4.8	9	2.6	9	2.6	...
Unknown/no response	-	-	-	-	1	.3	-	-	...
AGE									
6 to 17 years	3	1.1	-	-	-	-	2	.6	...
18 to 25 years	26	9.7	28	7.0	24	7.0	28	8.2	16.7
26 to 34 years	69	25.7	91	22.9	74	21.7	68	19.9	-8.1
35 years and older	170	63.4	277	69.6	243	71.3	243	71.1	.0
Unknown/no response	-	-	2	.5	-	-	1	.3	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	97	36.2	135	33.9	125	36.7	119	34.8	-4.8
Amitriptyline	14	5.2	21	5.3	12	3.5	23	6.7	91.7
Cocaine	113	42.2	174	43.7	138	40.5	155	45.3	12.3
Codeine	28	10.4	53	13.3	43	12.6	82	24.0	90.7
d-Propoxyphene	9	3.4	14	3.5	8	2.3	14	4.1	...
Diazepam	29	10.8	38	9.5	34	10.0	45	13.2	32.4
Diphenhydramine	9	3.4	15	3.8	17	5.0	19	5.6	11.8
Heroin/Morphine 1	82	30.6	152	38.2	171	50.1	167	48.8	-2.3
Marijuana/Hashish	1	.4	10	2.5	7	2.1	1	.3	...
Methadone	25	9.3	23	5.8	10	2.9	15	4.4	50.0
Methamphetamine/Speed	27	10.1	31	7.8	54	15.8	66	19.3	22.2
PCP/PCP combinations	3	1.1	3	.8	-	-	1	.3	...
All other drugs	141	52.6	196	49.2	152	44.6	172	50.3	13.2
TOTAL DRUG MENTIONS	578	215.7	865	217.3	771	226.1	879	257.0	14.0
SEATTLE, WA									
Total drug abuse episodes	116	100.0	143	100.0	152	100.0	188	100.0	23.7
SEX									
Male.....	80	69.0	96	67.1	111	73.0	134	71.3	20.7
Female.....	35	30.2	47	32.9	41	27.0	54	28.7	31.7
Unknown/no response	1	.9	-	-	-	-	-	-	-
RACE/ETHNICITY									
White.....	96	82.8	122	85.3	126	82.9	149	79.3	18.3
Black.....	11	9.5	9	6.3	19	12.5	21	11.2	10.5
Hispanic.....	5	4.3	7	4.9	4	2.6	6	3.2	...
Other.....	4	3.4	5	3.5	3	2.0	11	5.9	...
Unknown/no response	-	-	-	-	-	-	1	.5	...
AGE									
6 to 17 years	-	-	2	1.4	2	1.3	-	-	...
18 to 25 years	6	5.2	13	9.1	17	11.2	14	7.4	-17.6
26 to 34 years	23	19.8	37	25.9	37	24.3	47	25.0	27.0
35 years and older	87	75.0	91	63.6	96	63.2	127	67.6	32.3
Unknown/no response	-	-	-	-	-	-	-	-	-
SELECTED DRUG GROUPS									
Alcohol-in-comb.	35	30.2	58	40.6	68	44.7	69	36.7	1.5
Amitriptyline	7	6.0	13	9.1	13	8.6	13	6.9	.0
Cocaine	33	28.4	35	24.5	41	27.0	77	41.0	87.8
Codeine	4	3.4	6	4.2	5	3.3	4	2.1	...
d-Propoxyphene	8	6.9	13	9.1	11	7.2	10	5.3	-9.1
Diazepam	10	8.6	10	7.0	11	7.2	11	5.9	.0
Diphenhydramine	6	5.2	7	4.9	7	4.6	4	2.1	...
Heroin/Morphine 1	47	40.5	66	46.2	99	65.1	103	54.8	4.0
Marijuana/Hashish	1	.9	1	.7	2	1.3	3	1.6	...
Methadone	10	8.6	6	4.2	7	4.6	9	4.8	...
Methamphetamine/Speed	1	.9	-	-	1	.7	-	-	...
PCP/PCP combinations	-	-	-	-	-	-	-	-	...
All other drugs	61	52.6	89	62.2	90	59.2	142	75.5	57.8
TOTAL DRUG MENTIONS	223	192.2	304	212.6	355	233.6	445	236.7	25.4

1 Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

MEDICAL EXAMINER DATA

Table 4.06 - Distribution of drug abuse deaths by decedent demographic characteristics and of drug mentions by selected drug group according to metropolitan area: 1991-1994

Selected demographic characteristics and drug groups	1991		1992		1993		1994		Percent change in numbers, 1993-1994
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
WASHINGTON, DC/MD/VA									
Total drug abuse episodes	247	100.0	231	100.0	259	100.0	242	100.0	-6.6
SEX									
Male.....	177	71.7	169	73.2	201	77.6	169	69.8	-15.9
Female.....	68	27.5	62	26.8	58	22.4	73	30.2	25.9
Unknown/no response	2	.8	-	-	-	-	-	-	-
RACE/ETHNICITY									
White.....	97	39.3	104	45.0	100	38.6	113	46.7	13.0
Black.....	142	57.5	123	53.2	154	59.5	124	51.2	-19.5
Hispanic.....	4	1.6	2	.9	2	.8	3	1.2	...
Other.....	3	1.2	2	.9	3	1.2	2	.8	...
Unknown/no response	1	.4	-	-	-	-	-	-	-
AGE									
6 to 17 years	1	.4	1	.4	3	1.2	7	2.9	...
18 to 25 years	18	7.3	20	8.7	28	10.8	13	5.4	-53.6
26 to 34 years	76	30.8	73	31.6	63	24.3	67	27.7	6.3
35 years and older	151	61.1	136	58.9	162	62.5	152	62.8	-6.2
Unknown/no response	1	.4	1	.4	3	1.2	3	1.2	...
SELECTED DRUG GROUPS									
Alcohol-in-comb.	90	36.4	117	50.6	119	45.9	71	29.3	-40.3
Amitriptyline	11	4.5	9	3.9	11	4.2	10	4.1	-9.1
Cocaine	116	47.0	92	39.8	101	39.0	110	45.5	8.9
Codeine	10	4.0	16	6.9	41	15.8	16	6.6	-61.0
d-Propoxyphene	4	1.6	7	3.0	7	2.7	1	.4	...
Diazepam	6	2.4	5	2.2	15	5.8	3	1.2	-80.0
Diphenhydramine	5	2.0	10	4.3	18	6.9	10	4.1	-44.4
Heroin/Morphine ¹	127	51.4	89	38.5	109	42.1	82	33.9	-24.8
Marijuana/Hashish	-	-	4	1.7	1	.4	8	3.3	...
Methadone	1	.4	1	.4	4	1.5	4	1.7	...
Methamphetamine/Speed	-	-	1	.4	-	-	1	.4	...
PCP/PCP combinations	7	2.8	18	7.8	33	12.7	20	8.3	-39.4
All other drugs	108	43.7	167	72.3	139	53.7	154	63.6	10.8
TOTAL DRUG MENTIONS	485	196.4	536	232.0	598	230.9	490	202.5	-18.1

¹ Includes opiates not specified as to type.

NOTE: Excludes deaths in which AIDS was reported and deaths in which "drug unknown" was the only substance mentioned.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

APPENDIX I

SUPPLEMENTARY TABLES

This appendix presents supplementary tables of both a technical and substantive nature.

This report reflects all of the medical examiner (ME) data on the Drug Abuse Warning Network (DAWN) files for calendar year 1994 submitted as of May 1995. However, not all facilities reported for the entire year 1994. To inform readers of these reporting patterns, Table I-1 presents technical data on the completeness of 1994 reporting of DAWN ME facilities according to metropolitan area. In this table, the total number of facilities in each metropolitan area is classified according to the number of months each facility reported. Months are counted if expected drug abuse deaths were received in time for inclusion in this report.

ME jurisdictions providing data appearing in this report are listed in Tables I-2 and I-3. Table I-2 shows the counties in each of 42 metropolitan areas which reported to the DAWN ME data system for at least 10 months in 1994; the data from these jurisdictions are presented in Chapters 2 and 3 of this annual report. The counties which comprise the metropolitan areas in the DAWN ME system are not always comparable to those in the DAWN emergency department system. Table I-3 lists ME jurisdictions included in the panel of ME facilities with a consistent reporting history over the period from 1991 through 1994; data from these jurisdictions are presented in Chapter 4 of this report.

Table I-1. Number of medical examiner facilities and number of months reported, according to metropolitan area: 1994

Metropolitan area	Number of facilities	Number of months reported ¹		
		12 months	10 or 11 months	9 months or less ²
Anchorage, AK	1	1	-	-
Atlanta, GA	6	6	-	-
Baltimore, MD	7	6	-	1
Birmingham, AL	1	1	-	-
Boise, ID	1	1	-	-
Boston, MA	5	5	-	-
Buffalo, NY	5	5	-	-
Casper, WY	1	1	-	-
Chicago, IL	5	4	1	-
Cleveland, OH	1	1	-	-
Dallas, TX	5	2	2	1
Denver, CO	3	3	-	-
Detroit, MI	5	4	1	-
Fargo, MN,ND	2	2	-	-
Greenville, SC	1	1	-	-
Indianapolis, IN	2	1	1	-
Jackson, MS	1	1	-	-
Kansas City, KS/MO	2	2	-	-
Las Vegas, NV	1	1	-	-
Los Angeles, CA	1	1	-	-
Louisville, KY	1	1	-	-
Miami, FL	1	1	-	-
Milwaukee, WI	1	-	1	-
Minneapolis, MN	11	11	-	-
Nashua, NH	1	1	-	-
New Orleans, LA	5	5	-	-
New York, NY	8	7	1	-
Newark, NJ	5	5	-	-
Norfolk, VA	3	2	1	-
Oklahoma City, OK	1	-	-	1
Omaha, NE	3	3	-	-
Philadelphia, NJ/PA	8	6	1	1
Phoenix, AZ	1	1	-	-
Portland, OR	3	2	-	1
Providence, RI	2	2	-	-
St. Louis, IL/MO	9	8	1	-
Salt Lake City, UT	2	2	-	-
San Antonio, TX	1	1	-	-
San Diego, CA	1	1	-	-
San Francisco, CA	3	3	-	-
Seattle, WA	2	2	-	-
Sioux Falls, SD	1	1	-	-
Washington, DC/MD/VA	14	14	-	-
Total DAWN System	143	128	10	5

¹ Months are not counted if drug-related cases were expected but were not reported in time to be included in the report.

² These jurisdictions are not included in the 1994 data.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network (May 1995 data file).

Table I-2. Medical examiner jurisdictions reporting information to DAWN (along with state-county Federal Information Processing Standard [FIPS] codes), according to metropolitan area: 1994

Anchorage Anchorage Borough, AK (2-020)	Indianapolis Johnson County, IN (18-081) Marion County, IN (18-097)	Omaha Douglas County, NE (31-055) Sarpy County, NE (31-153) Washington County, NE (31-177)
Atlanta Clayton County, GA (13-063) Cobb County, GA (13-067) De Kalb County, GA (13-089) Fulton County, GA (13-121) Gwinnett County, GA (13-135) Paulding County, GA (13-223)	Jackson Rankin County, MS (28-121)	Philadelphia Burlington County, NJ (34-005) Camden County, NJ (34-007) Gloucester County, NJ (34-015) Bucks County, PA (42-017) Chester County, PA (42-029) Delaware County, PA (42-045) Montgomery County, PA (42-091) Philadelphia County, PA (42-101)
Baltimore Anne Arundel County, MD (24-003) Baltimore County, MD (24-005) Carroll County, MD (24-013) Harford County, MD (24-025) Howard County, MD (24-027) ¹ Queen Anne's County, MD (24-035) Baltimore City, MD (24-510)	Kansas City Wayandotte County, KS (20-209) Jackson County, MO (29-095)	Phoenix Maricopa County, AZ (4-013)
Birmingham Jefferson County, AL (1-073)	Las Vegas Clark County, NV (32-003)	Portland Clackamas County, OR (41-005) ¹ Multnomah County, OR (41-051) Washington County, OR (41-067)
Boise Ada County, ID (16-001)	Los Angeles Los Angeles County, CA (6-037)	Providence Kent County, RI (44-003) Providence County, RI (44-007)
Boston Essex County, MA (25-009) Middlesex County, MA (25-017) Norfolk County, MA (25-021) Plymouth County, MA (25-023) Suffolk County, MA (25-025)	Louisville Jefferson County, KY (21-111)	St. Louis Clinton County, IL (17-027) Madison County, IL (17-119) Monroe County, IL (17-133) St. Clair County, IL (17-163) Franklin County, MO (29-071) Jefferson County, MO (29-099) St. Charles County, MO (29-183) St. Louis County, MO (29-189) St. Louis City, MO (29-510)
Buffalo ² Erie County, NY (36-029) Niagara County, NY (36-063)	Miami Dade County, FL (12-025)	Salt Lake City Davis County, UT (49-011) Salt Lake County, UT (49-035)
Casper Natrona County, WY (56-025)	Milwaukee Waukeesha County, WI (55-133)	San Antonio Bexar County, TX (48-029)
Chicago Cook County, IL (17-031) Du Page County, IL (17-043) Kane County, IL (17-089) Lake County, IL (17-097) McHenry County, IL (17-111)	Minneapolis Anoka County, MN (27-003) Carver County, MN (27-019) Chisago County, MN (27-025) Dakota County, MN (27-037) Hennepin County, MN (27-053) Isanti County, MN (27-059) Ramsey County, MN (27-123) Scott County, MN (27-139) Washington County, MN (27-163) Wright County, MN (27-171) St. Croix County, WI (55-109)	San Diego San Diego County, CA (6-073)
Cleveland Cuyahoga County, OH (39-035)	Nashua Hillsborough County, NH (33-011)	San Francisco Marin County, CA (6-041) San Francisco County, CA (6-075) San Mateo County, CA (6-081)
Dallas Collin County, TX (48-085) Dallas County, TX (48-113) Denton County, TX (48-121) Kaufman County, TX (48-257) ¹ Rockwall County, TX (48-397)	New Orleans Jefferson Parish, LA (22-051) Orleans Parish, LA (22-071) St. Bernard Parish, LA (22-087) St. John Baptist Parish, LA (22-095) St. Tammany Parish, LA (22-103)	Seattle King County, WA (53-033) Snohomish County, WA (53-061)
Denver Arapahoe County, CO (8-005) Denver County, CO (8-031) Douglas County, CO (8-035)	New York Bronx County, NY (36-005) Kings County, NY (36-047) Nassau County, NY (36-059) New York County, NY (36-061) Putnam County, NY (36-079) Queens County, NY (36-081) Richmond County, NY (36-085) Suffolk County, NY (36-103)	Sioux Falls Minnehaha County, SD (46-099)
Detroit Macomb County, MI (26-099) Monroe County, MI (26-115) Oakland County, MI (26-125) St. Clair County, MI (26-147) Wayne County, MI (26-163)	Newark Essex County, NJ (34-013) Morris County, NJ (34-027) Somerset County, NJ (34-035) Sussex County, NJ (34-037) Union County, NJ (34-039)	Washington District of Columbia (11-001) Calvert County, MD (24-009) Charles County, MD (24-017) Frederick County, MD (24-021) Montgomery County, MD (24-031) Prince George's Cnty., MD (24-033) Arlington County, VA (51-013) Fairfax County, VA (51-059) Loudon County, VA (51-107) Prince William County, VA (51-153) Stafford County, VA (51-179) Alexandria City, VA (51-510) Falls Church City, VA (51-610) Manassas City, VA (51-683)
Fargo Clay County, MN (37-027) Cass County, ND (38-017)	Norfolk Norfolk City, VA (51-710) Portsmouth City, VA (51-740) Virginia Beach City, VA (51-810)	
Greenville Greenville County, SC (45-045)		

¹ These jurisdictions reported for fewer than 10 months in 1994 and not are included in this report.

² Niagara County, in the Buffalo area, has four MEs that report to DAWN.

Table I-3. DAWN medical examiner jurisdictions (along with state-county Federal Information Processing Standard [FIPS] codes) providing data to trend tables, according to metropolitan area: 1991-1994

Atlanta	Newark
De Kalb County, GA (13-089)	Essex County, NJ (34-013)
Fulton County, GA (13-121)	Sussex County, NJ (34-037)
Baltimore	Norfolk
Anne Arundel County, MD (24-003)	Norfolk City, VA (51-710)
Baltimore County, MD (24-005)	Portsmouth City, VA (51-740)
Carroll County, MD (24-013)	Virginia Beach City, VA (51-810)
Harford County, MD (24-025)	Philadelphia
Howard County, MD (24-027)	Burlington County, NJ (34-005)
Baltimore City, MD (24-510)	Camden County, NJ (34-007)
Buffalo	Gloucester County, NJ (34-015)
Erie County, NY (36-029)	Bucks County, PA (42-017)
Niagara County, NY (36-063)	Chester County, PA (42-029)
Chicago	Delaware County, PA (42-045)
Cook County, IL (17-031)	Montgomery County, PA (42-091)
Du Page County, IL (17-043)	Philidelphia County, PA (42-101)
Kane County, IL (17-089)	Phoenix
Lake County, IL (17-097)	Maricopa County, AZ (40-13)
Cleveland	St. Louis
Cuyahoga County, OH (39-035)	Madison County, IL (17-119)
Dallas	St. Clair County, IL (17-163)
Dallas County, TX (48-113)	Franklin County, MO (29-071)
Denver	St. Charles County, MO (29-183)
Arapahoe County, CO (8-005)	St. Louis County, MO (29-189)
Denver County, CO (8-031)	St. Louis City, MO (29-510)
Detroit	San Antonio
Macomb County, MI (26-099)	Bexar County, TX (48-029)
Oakland County, MI (26-125)	San Diego
Wayne County, MI (26-163)	San Diego County, CA (6-073)
Indianapolis	San Francisco
Johnson County, IN (18-081)	Marin County, CA (6-041)
Marion County, IN (18-097)	San Francisco County, CA (6-075)
Kansas City	San Mateo County, CA (6-081)
Wyandotte County, KS (20-209)	Seattle
Jackson County, MO (29-095)	King County, WA (53-033)
Los Angeles	Snohomish County, WA (53-061)
Los Angeles County, CA (6-037)	Washington
Miami	District of Columbia (11-001)
Dade County, FL (12-025)	Montgomery County, MD (24-031)
Minneapolis	Prince George's County, MD (24-033)
Anoka County, MN (27-003)	Arlington County, VA (51-013)
Hennepin County, MN (27-053)	Fairfax County, VA (51-059)
Ramsey County, MN (27-123)	Prince William County, VA (51-153)
New Orleans	Alexandria City, VA (51-510)
Jefferson Parish, LA (22-051)	
Orleans Parish, LA (22-071)	
New York	
Bronx County, NY (36-005)	
Kings County, NY (36-047)	
Nassau County, NY (36-059)	
New York County, NY (36-061)	
Queens County, NY (36-081)	
Richmond County, NY (36-085)	
Suffolk County, NY (36-103)	

NOTE: The jurisdictions appearing in trend tables come from a consistent panel of medical examiner facilities with similar reporting histories over the years from 1991 through 1994. Rules for inclusion required that facilities report data for at least 10 months in each of the 4 years. The reason for a consistent panel is to ensure that apparent changes over time are not likely to be explained by gaps in reporting. It should be noted, however, that trend tables in later reports of medical examiner data may be based on a different panel of reporting facilities and, therefore, trends from one annual report to another may not be comparable. Data from Boston are excluded due to incomplete reporting in 1992.

APPENDIX II

DAWN MEDICAL EXAMINER REPORT FORM

1. PROVIDER NUMBER _____ 3. DATE OF DEATH Month Day Year ____ / ____ / ____	2. CROSS REFERENCE (Facility Use Only) _____																																																																							
DRUG/SUBSTANCE INFORMATION																																																																								
11. ALCOHOL INVOLVED (Mark [X] one response) 1 <input type="checkbox"/> Yes (If YES, please note concentration _____) 2 <input type="checkbox"/> No																																																																								
INFORMATION ON DECEASED <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> 4. AGE <input type="text"/><input type="text"/><input type="text"/> <i>(Must be 06-97 yrs.)</i> </div> <div style="width: 45%;"> 5. SEX 1 <input type="checkbox"/> Male 2 <input type="checkbox"/> Female </div> </div> 6. RACE <input type="checkbox"/> White, not of Hispanic Origin <input type="checkbox"/> Black, not of Hispanic Origin <input type="checkbox"/> Hispanic <input type="checkbox"/> American Indian or Alaskan Native <input type="checkbox"/> Asian or Pacific Islander <input type="checkbox"/> Unknown <input type="checkbox"/> Other (<i>Specify</i>) _____																																																																								
7. DECEDENT'S HOME ZIP CODE <div style="display: flex; align-items: center;"> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> - <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> </div> <i>(Otherwise mark [X] one response)</i> 1 <input type="checkbox"/> Unknown 2 <input type="checkbox"/> No Fixed Address																																																																								
8. CAUSE OF DEATH (See reverse side) A. Was this a DRUG-INDUCED CASE (e.g., the drug[s] directly caused the death as documented in County records such as the death certificate and/or autopsy findings)? 1 <input type="checkbox"/> Yes <input type="checkbox"/> No B.1 If not drug induced, please select one of the following DRUG-RELATED CASE categories: 2 <input type="checkbox"/> Drug Abuse in Combination with Physiological Condition 3 <input type="checkbox"/> Drug Abuse in Combination with External Physical Event 4 <input type="checkbox"/> Drug Abuse-Caused Medical Disorder (Whether abuse is past or present) B.2 Please mark [X] confirmed if the drug-related case in B.1 is based on a documented conclusion in County records (e.g., death certificate states that drug abuse contributed to the death but was not the primary cause): <input type="checkbox"/> Confirmed Please mark [X] presumed if the drug-related case in B.1 is based on positive toxicology (e.g., presence of illicit substances or legal drugs exceeding therapeutic levels) -- OR -- on other documentation of past or present substance abuse that may be related to the cause of death. <input type="checkbox"/> Presumed																																																																								
9. MANNER OF DEATH 1 <input type="checkbox"/> Accidental/Unexpected 2 <input type="checkbox"/> Suicide 3 <input type="checkbox"/> Homicide 4 <input type="checkbox"/> Undetermined 5 <input type="checkbox"/> Natural																																																																								
10. FACTORS SUPPORTING DAWN CASE DETERMINATION (Mark [X] for all that apply) 1 <input type="checkbox"/> Death Certificate 2 <input type="checkbox"/> Toxicological Laboratory Report 3 <input type="checkbox"/> Autopsy 4 <input type="checkbox"/> Inspection of Scene of Death 5 <input type="checkbox"/> External Physical Signs 6 <input type="checkbox"/> Statement of Hospital/Family/Friends 7 <input type="checkbox"/> Other (<i>Specify</i>) _____																																																																								
12. LIST EACH DRUG/SUBSTANCE NAME IN ONE OF THE SPACES BELOW <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="2" rowspan="2"></th> <th colspan="6">NIDA USE ONLY</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th> </tr> </thead> <tbody> <tr><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>2</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>3</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table> <p style="text-align: right; font-style: italic;">For each non-alcohol substance listed above, mark [X] one response in each data item below.</p>					NIDA USE ONLY						1	2	3	4	5	6	1								2								3								4								5								6															
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13. ROUTE OF ADMINISTRATION <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th colspan="2" rowspan="2"></th> <th colspan="6">SUBSTANCES</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th> </tr> </thead> <tbody> <tr> <td>Oral</td> <td>01</td> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Injection</td> <td>02</td> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Inhaled</td> <td>03</td> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Smoked (<i>Includes Freebase</i>)</td> <td>04</td> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Sniffed, Snorted</td> <td>05</td> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Unknown</td> <td>06</td> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td>Other</td> <td>07</td> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>					SUBSTANCES						1	2	3	4	5	6	Oral	01							Injection	02							Inhaled	03							Smoked (<i>Includes Freebase</i>)	04							Sniffed, Snorted	05							Unknown	06							Other	07						
		SUBSTANCES																																																																						
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Oral	01																																																																							
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Unknown	06																																																																							
Other	07																																																																							
14. LAB TEST USED TO IDENTIFY DRUG <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">DRUG #</th> <th>FINDINGS (<i>List test methods, specimen, and findings for each drug listed</i>)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>			DRUG #	FINDINGS (<i>List test methods, specimen, and findings for each drug listed</i>)																																																																				
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15. CODED REMARKS <i>(If case involves an IV drug user with HIV+/AIDS, please write "HIV+" or "AIDS" in the first four spaces below.)</i> <div style="border-bottom: 1px solid black; height: 1.2em;"></div>																																																																								

APPENDIX III

GLOSSARY OF TERMS

Cause of death: See “drug abuse death.”

Commonly encountered brand: A brand name used as an example of a generic drug. A brand name was selected as an example if it accounted for at least ten percent of the emergency room drug mentions in its “drug category” during the 1991 calendar year, based on data from the Drug Abuse Warning Network (DAWN).

Drug abuse: The non-medical use of a substance for any of the following reasons: psychic effect, dependence, or suicide attempt/gesture (see “manner of death”). For the purpose of this definition, non-medical use means:

- The use of prescription drugs in a manner inconsistent with accepted medical practice;
- The use of over-the-counter drugs contrary to approved labeling; or
- The use of any substance (heroin, marijuana, peyote, glue, aerosols, etc.) for psychic effect, dependence, or suicide.

Drug abuse death: A drug-induced death is any death involving a drug “overdose” where usually a toxic level is found or suspected. A drug-related death is any death where the drug usage is a contributory factor but not the sole cause, (i.e., accidents, disease state, withdrawal syndrome, etc.); causation of death by the drug is not implied. DAWN codes two causes of “drug-induced” deaths:

- *Direct*—single drug cause (overdose); and
- *Direct*—multiple drug cause (cause not attributable specifically to any one drug but to drug overdose).

“Drug-related” deaths, where drug usage is a contributory factor, are coded as:

- Combination with physiological condition;
- Combination with external physical event; or
- Combination with medical disorder, probably drug caused.

DAWN medical examiner (ME) cases in which AIDS (acquired immunodeficiency syndrome) was reported and cases in which “drug unknown” was the only substance reported are excluded from the tables of ME data in this report. As in previous years, the ME data in this report exclude homicide cases reported to DAWN.

Drug abuse death, case, or episode: A reported death that involved drug abuse. ME cases involving children under 6 years of age are not reported.

Drug abuser: A decedent who had taken a substance(s) without proper medical supervision for reason(s) of psychic effect, dependence, or suicide attempt/gesture (see “drug abuse”).

Drug category: A generic grouping of substances reported to DAWN. The DAWN drug groupings are periodically reviewed in order to reflect the most recent changes in pharmaceutical classifications and drug legislation. Occasional changes in drug classification should be taken into consideration when comparing drug data from this report with other DAWN reports. These classifications may involve street names and brand names, which are sometimes used to identify a substance and its generic drug group. Such names are carried in DAWN due to the inability of some drug users to reliably identify a substance other than by its street name. Therefore, references to substances such as “speed,” appear in the tables. Additional clarification is provided for the following drug categories:

- *Alcohol-in-combination*—DAWN does not gather data on alcohol used alone, only alcohol used concomitantly with another abused substance. Therefore, all alcohol mentions are combination mentions.
- *Heroin/morphine*—Although heroin may be the ingested drug, it is metabolized to morphine. Therefore, heroin and morphine are treated as a single drug. This is particularly important with respect to attributions of cause of death. In addition, in this report, the heroin/morphine category includes mentions of opiates not specified as to type.
- *Marijuana/hashish*—As both marijuana and hashish are derived from the cannabis plant and have tetrahydrocannabinol (THC) as their psychoactive ingredient, they are treated as a single drug in this report.
- *Diazepam*—Mentions of desmethyldiazepam, a metabolic product of diazepam, are combined with those of diazepam in this report.
- *Methamphetamine/speed*—Data for methamphetamine and speed previously were shown separately. To facilitate analyses, data on these two DAWN methamphetamine categories are now shown together under the aggregate category of “methamphetamine/speed.”
- *Fluoxetine and imipramine*—In DAWN reports for 1988, mentions of Prozac®, an antidepressant first marketed in December 1987, were misassigned to the imipramine category. In this report, Prozac® has been removed from the imipramine group, combined with generic fluoxetine, and tabulated under the category of “fluoxetine.”
- *Drug unknown*—ME mentions of “drug unknown” may result from cases in which the ME knows that a decedent was a drug abuser (e.g., using drugs intravenously) but has not tested for specific drugs. ME cases in which “drug unknown” is the only substance reported are excluded from the tabulations in this report.

Drug concomitance: This term refers to whether a drug abuse death involved a single drug mention or multiple mentions.

Drug mention: This refers to a substance that was mentioned in a drug abuse case. In addition to alcohol-in-combination, up to six substances can be reported for each drug abuse death; thus, the total number of mentions exceeds the number of total cases. It should be noted that a drug mention may or may not be the confirmed “cause” of the death in multiple-drug abuse cases. Even when only one substance is reported for a case, allowance should still be made for reportable drugs not mentioned or for other contributory factors.

Form in which drug was acquired/found: The form in which the substance was received by the user/abuser is coded, not the form in which the substance was consumed. In the case of the decedent, the form in which the drug was found in evidence is of concern. [Data no longer collected from MEs by DAWN as of July 1991.]

Manner of death: Drug abuse deaths reported to DAWN (ME episodes) are coded as either "accidental/unexpected," "suicide," or "homicide." Data on drug-related homicide deaths are not included in this report. The manner-of-death codes are defined as follows:

- *Accidental/unexpected*—An unintentional death resulting from a drug abuse episode. The cause of death may be drug induced or drug related. The essential feature of this manner of death is that the user/abuser did not intend to die.
- *Suicide*—The deliberate taking of one's own life. The deceased may have used drugs to bring about his or her own immediate destruction, or the death may be drug related, involving external physical events (e.g., jumping, hanging, shooting, cutting the wrist, etc., with the intention of ending one's life).
- *Natural*—A death not due to external causes but due to a medical disorder or physiological disease process. In DAWN this category includes cases in which the decedent's drug abuse caused the medical disorder or physiological condition, such as AIDS. This also includes cases where a condition was worsened by the decedent's drug use (e.g., a heart condition or diabetes). Note that AIDS cases are excluded from the tables in this report. Deaths from natural causes are not shown separately in this report but are included in the "unknown/not reported" manner of death category.

Medical examiner (ME): All MEs and coroners in the DAWN metropolitan areas or counties are eligible for participation in DAWN. The data in this report reflects records submitted by 138 ME facilities for deaths occurring in 1994. As noted elsewhere, deaths in which AIDS was reported and those in which "drug unknown" was the only substance mentioned are excluded. In addition, opiates not specified as to type are tabulated under the category of heroin/morphine.

Metropolitan area: A unit composed of a relatively large core city or cities and the immediately adjacent geographic areas. Conceptually, these areas are integrated economic and social units with a large population nucleus. DAWN ME data are collected in 42 metropolitan areas. ME facilities are recruited from the 21 metropolitan areas covered in the DAWN emergency department (ED) data; however, the counties which comprise metropolitan areas in the ME system are not always comparable to those in the ED system. See Appendix I for a list of the counties and independent cities covered in the DAWN ME reporting base.

Race/ethnicity: The race/ethnicity categories distinguished in the DAWN data in this report are:

- *White, not of Hispanic origin*—A person having origins in any of the original peoples of Europe, North Africa, or the Middle East.
- *Black, not of Hispanic origin*—A person having origins in any of the black racial groups of Africa.
- *Hispanic*—A person of Mexican, Puerto Rican, Cuban, or Central or South American, or other Spanish culture or origin, regardless of race.
- *American Indian/Alaskan Native*—A person having origins in any of the peoples of North America and who maintains cultural identification through tribal affiliation or community recognition.

- *Asian/Pacific Islander*—A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian subcontinent, or the Pacific Islands.
- *Other*—A person whose race cannot be classified into any of the categories above. This residual category was replaced on the DAWN form in July 1991 after having been removed in an earlier revision.

Rank: A rank indicates the relative frequency of mentions for a particular drug category within the total DAWN system. For example, a drug category ranked second indicates that it accounted for the second highest number of mentions among all drug categories. When two or more drugs received equal numbers of mentions, they are assigned the same rank. It should be noted that a difference in rank should be considered only as indicative of a difference in frequency among drugs reported to DAWN, no matter how small, and not as necessarily denoting a meaningful or significant difference. For example, a difference of one between ranks of drug categories could mean a difference of one drug mention or a difference of many.

Route of drug administration: The method by which the substance was taken into the user/abuser's body is coded according to the following categories:

- *Oral*—Ingested through the mouth.
- *Injection*—Ingested either intravenously, subcutaneously, or intramuscularly.
- *Inhaled*—Refers to the gases or fumes of a substance that are taken into the body by inhaling through the nose or mouth into the lungs (e.g., inhaling the fumes of glue, aerosols, paints, transmission fluid, etc.).
- *Smoked (includes freebase)*—Refers to substances (e.g., marijuana) that are acquired as a cigarette and to "crack" cocaine which is smoked (freebased).
- *Sniffed/Snorted*—Refers to a substance in a powder or crystal form that is taken into the body by way of the nose (e.g., cocaine, heroin).
- *Other*—Used when the route of administration cannot logically be included as any of the above.

Single-drug death, case, or episode: A drug abuse death that involved only one drug.

Therapeutic class: A general grouping of generic drugs such as tranquilizers, narcotic analgesics, barbiturate sedatives, etc. These groupings are based primarily on a pre-existing classification used in the National Drug and Therapeutic Index (IMS America, Ltd.). The DAWN system has accumulated a vocabulary of more than 7,300 substance names that have been mentioned in incidents of abuse. This vocabulary is updated monthly by the inclusion of new abuse substances and, through receipt of identifying information, the reclassification of drugs. Occasionally, this reclassification may shift a drug to a different therapeutic class and/or drug grouping.

Total DAWN System: All DAWN-affiliated facilities. Forty-two metropolitan areas are included in the ME data.

**DEPARTMENT OF
HEALTH & HUMAN SERVICES**

Public Health Service
Substance Abuse and Mental Health Services Administration
Office of Applied Studies, Room 16-105
Rockville MD 20857

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